

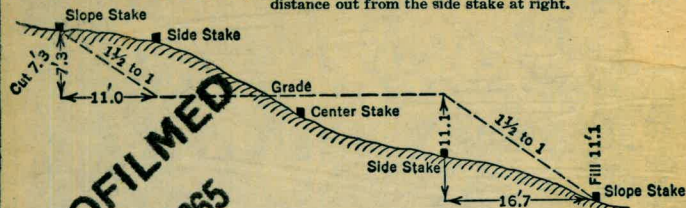
MISSION BAY

76

DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING

Roadway of any Width. Side Slopes 1½ to 1.

In the figure below: opposite 7 under "Cut or Fill", and under .3 read 11.0, the distance out from the side stake at left. Also, opposite 11 under "Cut or Fill" and under .1 read 16.7, the distance out from the side stake at right.



Cut or Fill	Distance out from Side or Shoulder Stake																	Cut or Fill
	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.2	.3	.4	.5	.6	.7	.8	
0	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	0							
1	1.5	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.9	1							
2	3.0	3.2	3.3	3.5	3.6	3.8	3.9	4.1	4.2	4.4	2							
3	4.5	4.7	4.8	5.0	5.1	5.3	5.4	5.6	5.7	5.9	3							
4	6.0	6.2	6.3	6.5	6.6	6.8	6.9	7.1	7.2	7.4	4							
5	7.5	7.7	7.8	8.0	8.1	8.3	8.4	8.6	8.7	8.9	5							
6	9.0	9.2	9.3	9.5	9.6	9.8	9.9	10.1	10.2	10.4	6							
7	10.5	10.7	10.8	11.0	11.1	11.3	11.4	11.6	11.7	11.9	7							
8	12.0	12.2	12.3	12.5	12.6	12.8	12.9	13.1	13.2	13.4	8							
9	13.5	13.7	13.8	14.0	14.1	14.3	14.4	14.6	14.7	14.9	9							
10	15.0	15.2	15.3	15.5	15.6	15.8	15.9	16.1	16.2	16.4	10							
11	16.5	16.7	16.8	17.0	17.1	17.3	17.4	17.6	17.7	17.9	11							
12	18.0	18.2	18.3	18.5	18.6	18.8	18.9	19.1	19.2	19.4	12							
13	19.5	19.7	19.8	20.0	20.1	20.3	20.4	20.6	20.7	20.9	13							
14	21.0	21.2	21.3	21.5	21.6	21.8	21.9	22.1	22.2	22.4	14							
15	22.5	22.7	22.8	23.0	23.1	23.3	23.4	23.6	23.7	23.9	15							
16	24.0	24.2	24.3	24.5	24.6	24.8	24.9	25.1	25.2	25.4	16							
17	25.5	25.7	25.8	26.0	26.1	26.3	26.4	26.6	26.7	26.9	17							
18	27.0	27.2	27.3	27.5	27.6	27.8	27.9	28.1	28.2	28.4	18							
19	28.5	28.7	28.8	29.0	29.1	29.3	29.4	29.6	29.7	29.9	19							
20	30.0	30.2	30.3	30.5	30.6	30.8	30.9	31.1	31.2	31.4	20							
21	31.5	31.7	31.8	32.0	32.1	32.3	32.4	32.6	32.7	32.9	21							
22	33.0	33.2	33.3	33.5	33.6	33.8	33.9	34.1	34.2	34.4	22							
23	34.5	34.7	34.8	35.0	35.1	35.3	35.4	35.6	35.7	35.9	23							
24	36.0	36.2	36.3	36.5	36.6	36.8	36.9	37.1	37.2	37.4	24							
25	37.5	37.7	37.8	38.0	38.1	38.3	38.4	38.6	38.7	38.9	25							
26	39.0	39.2	39.3	39.5	39.6	39.8	39.9	40.1	40.2	40.4	26							
27	40.5	40.7	40.8	41.0	41.1	41.3	41.4	41.6	41.7	41.9	27							
28	42.0	42.2	42.3	42.5	42.6	42.8	42.9	43.1	43.2	43.4	28							
29	43.5	43.7	43.8	44.0	44.1	44.3	44.4	44.6	44.7	44.9	29							
30	45.0	45.2	45.3	45.5	45.6	45.8	45.9	46.1	46.2	46.4	30							
31	46.5	46.7	46.8	47.0	47.1	47.3	47.4	47.6	47.7	47.9	31							
32	48.0	48.2	48.3	48.5	48.6	48.8	48.9	49.1	49.2	49.4	32							
33	49.5	49.7	49.8	50.0	50.1	50.3	50.4	50.6	50.7	50.9	33							
34	51.0	51.2	51.3	51.5	51.6	51.8	51.9	52.1	52.2	52.4	34							
35	52.5	52.7	52.8	53.0	53.1	53.3	53.4	53.6	53.7	53.9	35							
36	54.0	54.2	54.3	54.5	54.6	54.8	54.9	55.1	55.2	55.4	36							
37	55.5	55.7	55.8	56.0	56.1	56.3	56.4	56.6	56.7	56.9	37							
38	57.0	57.2	57.3	57.5	57.6	57.8	57.9	58.1	58.2	58.4	38							
39	58.5	58.7	58.8	59.0	59.1	59.3	59.4	59.6	59.7	59.9	39							
40	60.0	60.2	60.3	60.5	60.6	60.8	60.9	61.1	61.2	61.4	40							

KEUFFEL & ESSER CO., N. Y.

The paper in this book No. 373A
is made of 50% high grade rag stock
with a WATER RESISTING surface sizir g.

$$A = 0$$

$$B = 1\frac{1}{2}''$$

$$C = 2\frac{5}{8}''$$

$$D = 4''$$

$$E = 2\frac{3}{8}''$$

$$F = 1\frac{1}{2}''$$

$$G = 0$$

87.05

97.24

72.88

25.36

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	REVISED SEE PG 26	
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DATE

EXPANSION JOINTS
SUNSET BLIND BRIDGE GRADES

①

T. Stamper

STA	+	H. I.	-	ELEV	FIN. GRADE	FIN. GRADE ELEV.
					WITH CAMBER TOP GIRDER	
					#2 (0.042)	
					#1 (0.052)	
B.M.						
#5. ABUT						26.92
30+29.178"				26.223	26.223	
# EXP. JT.						
N ^o 1						
30+88.67 "B"				27.008	27.060	
# EXP. JT.						
N ^o 1						
30+81.16 "C"				27.012	27.064	
# EXP. JT.						
N ^o 1						
30+73.65 "D"				27.013	27.065	
# EXP. JT.						
N ^o 1						
30+66.14 "E"				26.820	26.872	
# EXP. JT.						
N ^o 1						
30+58.63 "F"				26.623	26.675 a.k.	
# EXP. JT.						
N ^o 1						
30+51.13 "G"				26.426	26.478	
# EXP. JT.						
N ^o 2						29.600
34+12.67 "B"				29.728	29.760	
# EXP. JT.						770
N ^o 2						
34+05.16 "C"				29.796	29.838	
# EXP. JT.						820
N ^o 2						
33+27.65 "D"				29.853	29.895	
# EXP. JT.						770
N ^o 2						
33+20.14 "E"				29.723	29.765	
# EXP. JT.						760
N ^o 2						
33+82.63 "F"				29.588	29.630	
# EXP. JT.						602
N ^o 2						
33+75.13 "G"				29.450	29.492	
						38

GRADES EXPANSION JOINTS

SUNSET BLVD BRIDGE CONTD.

STA	+	H. I.	-	ELEV.	FIN. GRADE	FIN. GRADE WITH CAMBER
B. M						
EXP. JT.						
N ^o 1						
40+84.63	F			27.008		27.060
EXP. JT.						
N ^o 1						
40+92.14	E			27.012		27.064
EXP. JT.						
N ^o 1						
40+99.65	D			27.013		27.065
EXP. JT.						
N ^o 1						
41+07.16	C			26.820		26.872
EXP. JT.						
N ^o 1						
41+14.67	B			26.623		26.675
EXP. JT.						
N ^o 1						
41+22.17	A			26.426		26.478
EXP. JT.						
N ^o 2						
37+60.63	F			29.728		29.760
EXP. JT.						
N ^o 2						
37+68.14	E			29.796		29.838
EXP. JT.						
N ^o 2						
37+75.65	D			29.853		29.895
EXP. JT.						
N ^o 2						
37+83.16	C			29.723		29.765
EXP. JT.						
N ^o 2						
37+90.67	B			29.588		29.630
EXP. JT.						
N ^o 2						
37+98.17	A			29.450		29.492

FINISH GRADES SUNSET

BLVD BRIDGE TOP OF L AT

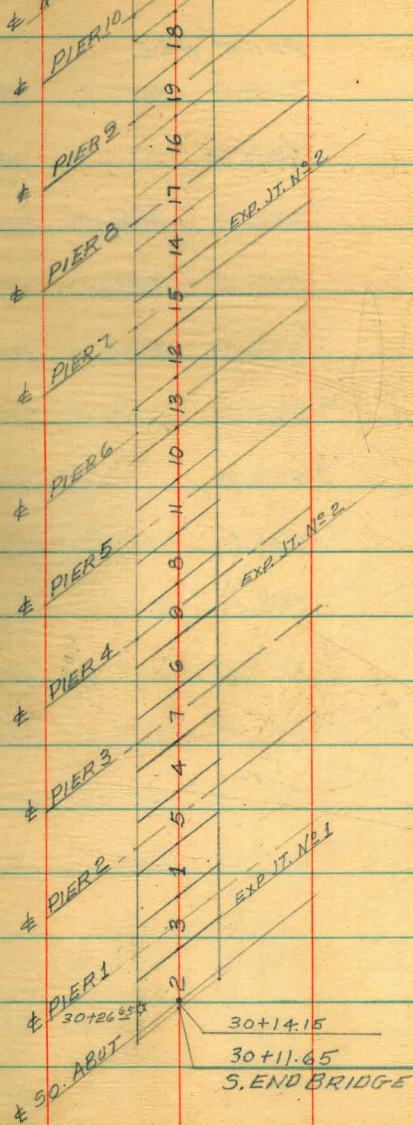
NORTH & SOUTH ENDS OF BRIDGE

STA	H.I.	ELEV.	GRADE
B.M.			
"A" EAST			
30+34.17		26.192	
"B"	+26.67	26.185	
"C"	+19.16	26.177	
"D" &	+11.65	26.167	
"E"	+04.14	25.960	
"F"			
29+96.63		25.753	
"G" WEST	+89.12	25.545	
"G" WEST			
41+39.13		26.192 ^v	
"F"	+46.64	26.185 ^v	
"E"	+54.15	26.174 ^v	
"D" &	+61.65	26.167 ^v	
"C"	+69.17	25.960 ^v	
"B"	+76.68	25.753 ^v	
"A" EAST	+84.19	25.545 ^v	

9.75 @ Rt. Ls
= 12.306 = 6 GIMERS
along skew

N. END BRIDGE
41+61.65
41+59.15

T. A. Stamper



FINISH GRADES SUNSET BLVD BRIDGE

STA	+ H.I.	-	ELEV.	FIN. GRADE OVERGIRDER	FIN. GRADE WITH CAMBER	ELEV. TOP GIRDER	FILL TO TOP DECK	FILL TO Both Deck	thickness of Plates	Haunch thickness
B.M.										
"A" EAST										
30+36.67				26.230	26.230	25.622	0.608	0.025		
"A"										
+51.54				26.430	26.506	25.835	0.671	0.088		
"A"										
+66.42				26.627	26.742	26.053	0.689	0.109		
"A"										
+81.30				26.817	26.919	26.225	0.694	0.114		
"A"										
+96.17				27.003	27.055	26.396	0.659	0.076		
"C"										
30+21.66				26.216	26.216	25.405	0.811	0.228		
"C"										
+36.53				26.424	26.500	25.667	0.833	0.250		
"C"										
+51.41				26.625	26.740	25.900	0.840	0.260		
"C"										
+66.28				26.822	26.924	26.094	0.830	0.250		
"C"										
+81.16				27.012	27.064	26.250	0.814	0.231		
"E"										
30+06.64				26.000	26.000	25.188	0.812	0.229		
"E"										
+21.51				26.214	26.290	25.450	0.840	0.257		
"E"										
+36.39				26.420	26.535	25.688	0.847	0.267		
"E"										
+51.26				26.623	26.725	25.872	0.853	0.273		
"E"										
+66.14				26.820	26.870	26.090	0.840	0.257		
"G"										
29+96.63				25.585	25.585	24.983	0.602	0.019		
"G"										
30+06.50				25.804	25.880	25.199	0.681	0.098		
"G"										
+21.38				26.016	26.131	25.437	0.694	0.114		
"G"										
+36.25				26.225	26.327	25.630	0.697	0.117		
"G"										
+51.13				26.426	26.478	25.834	0.644	0.061		

POUR N^o 2

O.K

SCREEDS CHANGED

SEE PG 26

FINISH GRADES SUNSET BIND BRIDGE

STA	+	H. I.	-	ELEV.	FIN. GRADE OVER GIRDER	FIN. GRADE WITH CAMBER TOP GIRDER	ELEV. TOP GIRDER	FILL TO TOP DECK	FILL TO Bott. Deck	Thickness of Plates	Haunch thickness
B. M.											
A EAST											
30+96.17											
A					27.003	27.055	26.396	0.659	0.076		
31+09.67					27.166	27.180	26.540	0.640	0.057		
A											
4 PIER 1											
+23.17					27.324	27.324	26.758	0.566	0.017		
A											
+36.67					27.480	27.490	26.870	0.620	0.037		
A											
+50.17					27.630	27.670	27.056	0.614	0.031		
C											
30+81.16					27.012	27.064	26.250	0.814	0.231		
C											
+94.66					27.180	27.193	26.393	0.800	0.217		
C											
4 PIER 1											
31+08.16					27.344	27.344	26.632	0.712	0.129		
C											
+21.66					27.503	27.513	26.784	0.729	0.146		
C											
+35.16					27.658	27.700	27.041	0.659	0.076		
E											
30+66.14					26.820	26.870	26.030	0.840	0.257		
E											
+79.64					26.992	27.005	26.170	0.835	0.252		
E											
4 PIER 1											
+93.14					27.160	27.160	26.426	0.734	0.151		
E											
31+06.64					27.325	27.335	26.595	0.740	0.157		
E											
+20.14					27.485	27.527	26.858	0.669	0.086		
G											
30+51.13					26.426	26.476	25.834	0.642	0.059		
G											
+64.63					26.604	26.617	26.002	0.615	0.032		
G											
4 PIER 1											
+78.13					26.778	26.778	26.240	0.538	0.045		
G											
+91.63					26.948	26.958	26.374	0.584	0.001		
G											
31+05.13					27.112	27.154	26.590	0.564	0.019		

NOTE!

SEE PG 27

B.M. 7

FINISH GRADES SUNSET BLVD BRIDGE

STA.	+	H. I.	-	ELEV.	FIN. GRADE OVER GIRDER	FIN. GRADE WITH CAMBER	ELEV. TOP GIRDER	FILL TO TOP DECK	FILL TO BOTT. DECK	thickness of Plates	Haunch thickness
B.M.											
A EAST											
31+50.17					27.630	27.670	27.056	0.614	0.031		
A											
+63.67					27.773	27.846	27.216	0.628	0.045		
A											
+77.17					27.914	27.997	27.368	0.629	0.046		
A											
+90.67					28.050	28.123	27.505	0.618	0.035		
A											
32+04.17					28.180	28.222	27.598	0.624	0.041		
C											
31+35.16					27.655	27.700	27.041	0.659	0.076		
C											
+48.66					27.808	27.880	27.140	0.740	0.157		
C											
+62.16					27.953	28.036	27.290	0.746	0.163		
C											
+75.66					28.096	28.170	27.422	0.748	0.165		
C											
+89.16					28.230	28.273	27.475	0.798	0.215		
E											
31+20.14					27.485	27.527	26.858	0.669	0.086		
E											
+33.64					27.640	27.713	26.965	0.748	0.165		
E											
+47.14					27.790	27.874	27.118	0.756	0.173		
F											
+60.64					27.937	28.010	27.259	0.751	0.168		
E											
+74.14					28.080	28.120	27.311	0.809	0.226		
C											
31+05.13					27.112	27.154	26.590	0.564	0.019		
G											
+18.63					27.272	27.345	26.752	0.593	0.010		
G											
+32.13					27.428	27.510	26.904	0.606	0.023		
G											
+45.63					27.580	27.653	27.040	0.613	0.030		
G											
+59.13					27.726	27.768	27.135	0.633	0.050		

NOTE:

SEE PG 28

POUR NO 1

FINISH GRADES SUNSET BLVD BRIDGE

STA	H.I.	ELEV	FIN. GRADES OVER GIRDERS	FIN. GRADES WITH CAMBER	ELEV TOP GIRDER	FILL TO TOP DECK	FILL TO BOT. DECK	Thickness of Plates	Haunch thickness
B. M.									
A									
POUR NO. 5									
32+04.17			28.180	28.222	27.598	0.624	0.041		
A									
+17.67			28.308	28.318	27.707	0.611	0.028		
A									
PIER 2									
+31.17			28.430	28.430	27.911	0.519	0.064		
A									
+44.67			28.548	28.558	27.959	0.599	0.016		
A									
+58.17			28.660	28.702	28.105	0.597	0.014		
C									
31+89.16			28.230	28.273	27.475	0.798	0.215		
C									
32+02.66			28.363	28.373	27.593	0.780	0.197		
C									
PIER 2									
+16.16			28.490	28.490	27.774	0.716	0.133		
C									
+29.66			28.613	28.623	27.840	0.783	0.200		
C									
+43.16			28.730	28.773	28.022	0.751	0.168		
E									
31+74.14			28.080	28.120	27.311	0.809	0.226		
E									
+87.64			28.215	28.225	27.433	0.792	0.209		
E									
PIER 2									
32+01.14			28.348	28.348	27.637	0.711	0.128		
E									
+14.64			28.475	28.485	27.720	0.755	0.172		
E									
+28.14			28.600	28.640	27.931	0.709	0.126		
G									
31+59.13			27.726	27.768	27.135	0.633	0.050		
G									
+72.63			27.868	27.878	27.270	0.608	0.025		
G									
PIER 2									
+86.13			28.005	28.005	27.498	0.502	0.076		
G									
+99.63			28.138	28.148	27.565	0.583	0.000		
G									
32+13.13			28.267	28.310	27.718	0.592	0.009		

NOTE!

SEE PG 29

FINISH GRADES SUNSET BLVD BRIDGE

STA	H.I.	ELEV	FIN. GRADE OVER	FIN. GRADE WITH CAMBER	ELEV. TOP GIRDER	FILL TO TOP DECK	FILL TO BOT. DECK	Thickness of Plates	Haunch thickness
B.M.									
A									
32+58.17									
A									
+71.67									
A									
+85.17									
A									
+98.67									
A									
33+12.17									
C									
32+43.16									
C									
+56.66									
C									
+70.16									
C									
+83.66									
C									
+97.16									
E									
32+28.14									
E									
+41.64									
E									
+55.14									
E									
+68.64									
E									
+82.14									
G									
32+13.13									
G									
+26.63									
G									
+40.13									
G									
+53.63									
G									
+67.13									

NOTE:

POUR NO 4

SEE PG 30

FINISH GRADES SUNSET BLVD BRIDGE

STA.	+	H.I.	-	ELEV.	FIN. GRADE OVERGIRDER	FIN. GRADE WITH CAMBER	ELEV. TOP GIRDER	FILL TO TOP DECK
B.M.								
A								
		POUR N ^o 8						
34+74.17								
A		NOTE			29.852	29.894	29.318	0.576
+87.67								
A		SEE PG 34			29.887	29.960	29.366	0.594
35+01.17								
A					29.918	30.000	29.400	0.600
+14.67								
A					29.945	30.018	29.422	0.596
+28.17								
C					29.967	30.010	29.413	0.597
34+59.16								
C					30.003	30.045	29.390	0.655
+72.66								
C					30.043	30.116	29.390	0.726
+86.16								
C					30.080	30.163	29.430	0.733
+99.66								
C					30.110	30.184	29.448	0.736
35+13.16								
E					30.188	30.180	29.388	0.792
34+44.14								
E					29.950	29.993	29.315	0.678
+57.64								
E					29.997	30.070	29.316	0.754
+71.14								
E					30.038	30.120	29.375	0.745
+84.64								
E					30.075	30.148	29.400	0.748
+98.14								
E					30.107	30.150	29.335	0.815
G 34+29.13								
G					29.700	29.742	29.150	0.592
+42.63								
G					29.750	29.824	29.208	0.616
+56.13								
G					29.797	29.880	29.256	0.624
+69.63								
G					29.840	29.913	29.302	0.611
+83.13								
G					29.876	29.913	29.305	0.613

5-9-52

FINISH GRADES SUNSET BLVD BRIDGE

STA	H.I.	ELEV.	FIN. GRADE OVER GIRDER	FIN. GRADE WITH CAMBER	ELEV. TOP GIRDER	FILL TO TOP DECK
B.M.						
A	POUR No 11					
35+28.17 A	NOTE		29.967	30.010	29.413	0.597
+41.67 A	SEE PG 35		29.984	29.924	29.408	0.586
± PIER 5 +55.17 A			29.997	29.997	29.472	0.525
+68.67 A			30.006	30.016	29.418	0.598
+82.17 C			30.010	30.052	29.425	0.627
35+13.16 C			30.138	30.180	29.398	0.792
+22.66 C			30.160	30.170	29.396	0.774
± PIER 5 +40.16 C			30.180	30.180	29.467	0.713
+53.66 C			30.142	30.202	29.400	0.802
+67.16 E			30.200	30.243	29.470	0.773
34+98.14 E			30.107	30.150	29.335	0.815
35+11.64 E			30.135	30.145	29.343	0.802
± PIER 5 +25.14 E			30.158	30.158	29.432	0.726
+38.64 E			30.176	30.186	29.390	0.796
+52.14			30.190	30.232	29.455	0.777
G 34+83.13			29.876	29.918	29.305	0.613
G +96.63 ± PIER 5			29.910	29.920	29.318	0.602
G 35+10.13			29.937	29.937	29.410	0.527
G +23.63			29.960	29.970	29.372	0.598
G +37.13			29.980	30.022	29.498	0.614

c=13.5'

(15)

FINISH GRADES SUNSET BLVD BRIDGE

STA	H.I.	ELEV	FIN. GRADE	FIN. GRADE	ELEV.	FILL TO
			OVERHEAD	WITH CARRIER	TOP GIRDER	TOP DECK
B.M.						
POUR NO. 13						
A						
36+36.17	NOTE		29.980	30.022	29.419	0.603
A						
+49.67	SEE PG 37		29.960	29.970	29.391	0.579
A						
# PIER 6						
+63.17			29.931	29.937	29.430	0.507
A						
+76.67			29.910	29.920	29.335	0.585
A						
+90.17			29.876	29.918	29.330	0.588
C						
36+21.16			30.187	30.230	29.467	0.763
C						
+34.66			30.176	30.136	29.405	0.781
C						
# PIER 6						
+48.16			30.153	30.158	29.452	0.706
C						
+61.66			30.135	30.145	29.360	0.785
C						
+75.16			30.107	30.150	29.355	0.795
E						
36+06.14			30.200	30.243	29.477	0.766
E						
+19.64			30.192	30.202	29.417	0.785
E						
# PIER 5						
+33.14			30.180	30.180	29.473	0.707
E						
+46.64			30.160	30.170	29.400	0.770
E						
+60.14			30.136	30.180	29.404	0.776
G						
35+91.13			30.010	30.052	29.420	0.632
G						
36+04.63			30.000	30.016	29.413	0.603
G						
# PIER 6						
+18.13			29.997	29.997	29.477	0.520
G						
+31.63			29.984	29.984	29.411	0.573
G						
+45.13			29.967	30.010	29.415	0.595

FINISH GRADES SUNSET BLVD BRIDGE

STA	H. I.	FLEV.	FIN. GRADE OVER GIRDER	FIN. GRADE WITH CAMBER	ELEV TOP GIRDER	FILL TO TOP DECK
POUR No 15						
A						
37+44.17			29.700	29.742	29.180	0.562
A						
+57.67			29.645	29.655	29.082	0.573
A						
PIER 7 +71.17			29.585	29.585	29.070	0.515
A						
+84.67			29.520	29.530	28.915	0.615
A						
+98.17			29.450	29.494	28.812	0.682
C						
37+29.16			29.950	29.993	29.310	0.683
C						
+42.66			29.900	29.910	29.177	0.733
C						
PIER 7 +56.16			29.844	29.846	29.123	0.718
C						
+69.66			29.787	29.797	28.980	0.817
C						
+83.16			29.722	29.764	28.900	0.864
E						
37+14.14			30.000	30.045	29.375	0.670
E						
+27.64			29.951	29.967	29.240	0.727
E						
PIER 7 +41.14			29.908	29.908	29.200	0.708
E						
+54.64			29.855	29.863	29.066	0.797
E						
+68.14			29.794	29.836	28.990	0.846
G						
36+99.13			29.852	29.894	29.290	0.604
G						
37+12.63			29.810	29.820	29.232	0.588
E						
PIER 7 +26.13			29.761	29.767	29.252	0.515
G						
+39.63			29.717	29.727	29.130	0.597
G						
+53.13			29.661	29.705	29.076	0.629

NOTE

SEE PG 39

FINISH GRADES SUNSET BLVD. BRIDGE

STA	H. I.	ELEV.	FIN. GRADE OVER GIRDERS	FIN. GRADE WITH CAMBER	ELEV. TOP GIRDER	FILL TO TOP DECK
B.M.						
FOUR NO. 14						
A						
37+28.17	NOTE		29.450	29.494	28.812	0.682
A						
38+11.67	SEE PG 40		29.377	29.450	28.742	0.708
A						
+25.17			29.300	29.383	28.697	0.686
A						
+38.67			29.216	29.290	28.642	0.648
A						
+52.17			29.130	29.172	28.573	0.599
C						
37+89.16			29.722	29.764	28.900	0.864
C						
+96.66			29.654	29.727	28.870	0.857
C						
38+10.16			29.580	29.664	28.810	0.854
C						
+23.66			29.505	29.576	28.748	0.828
C						
+37.16			29.420	29.463	28.638	0.825
E						
37+68.14			29.794	29.836	28.990	0.846
E						
+81.64			29.730	29.803	28.963	0.840
E						
+95.14			29.662	29.745	28.915	0.830
E						
38+08.64			29.590	29.663	28.850	0.813
E						
+22.14			29.513	29.555	28.748	0.707
G						
37+53.13			29.662	29.725	29.076	0.629
G						
+66.63			29.605	29.678	29.015	0.663
G						
+80.13			29.542	29.625	28.973	0.652
G						
+93.63			29.474	29.547	28.920	0.627
G						
38+07.13			29.403	29.444	28.855	0.589

FINISH GRADES SUNSET BLVD BRIDGE

STA	+ H. I.	-	ELEV.	FIN GRADE OVERGIRDER	FIN GRADE WITH CANBER TOP GIRDER	ELEV. TOP GIRDER	FILL TO TOP DECK
B. M.							
FOUR NO 17							
A							
38+52.17	NOTE!			29.130	29.172	28.573	0.599
A							
+65.67	SEE PG 41			29.037	29.047	28.460	0.587
A							
PIER B							
+79.17				28.940	28.940	28.426	0.514
A							
+92.67				28.837	28.847	28.268	0.579
A							
39+06.17				28.734	28.776	28.170	0.606
C							
38+37.16	7-8			29.470	29.463	28.638	0.825
C							
+50.66				29.334	29.344	28.555	0.789
C							
PIER B							
+64.16				29.243	29.243	28.530	0.713
C							
+77.66				29.147	29.157	28.388	0.769
C							
+91.16				29.046	29.088	28.302	0.786
E							
38+22.14				29.513	29.555	28.748	0.807
E							
+35.64				29.430	29.440	28.659	0.781
E							
PIER B							
+49.14				29.345	29.345	28.634	0.711
E							
+62.64				29.259	29.264	28.494	0.770
E							
+76.14				29.158	29.200	28.412	0.788
G							
38+07.13				29.407	29.344	28.855	0.589
G							
+20.63				29.325	29.335	28.752	0.583
PIER B							
+34.13				29.244	29.244	28.720	0.524
G							
+47.63				29.158	29.168	28.575	0.593
G							
+61.13				29.068	29.110	28.510	0.600

FINISH GRADES SUNSET BLVD BRIDGE

STA	H.I.	ELEV.	FIN. GRADE OVERGIRDER	FIN. GRADE WITH CAMBER	ELEV. TOP GIRDER	FILL TO TOP DECK
B.M.						
FOUR NO. 16						
A						
39+06.17	NOTE		28.734	28.776	28.170	0.606
A						
+19.67	SEE PG 42		28.624	28.637	28.080	0.617
A						
+33.17			28.510	28.593	27.961	0.632
A						
+46.67			28.390	28.463	27.833	0.630
A						
+60.17			28.267	28.310	27.680	0.630
C						
38+91.16			29.046	29.098	28.302	0.786
C						
39+04.66			28.940	29.014	28.245	0.769
C						
+18.16			28.830	28.914	28.130	0.784
C						
+31.66			28.717	28.790	28.003	0.787
C						
+45.16			28.600	28.640	27.862	0.778
E						
38+76.14			29.158	29.200	28.412	0.788
E						
+89.64			29.060	29.132	28.368	0.764
E						
39+03.14			28.953	29.037	28.262	0.775
E						
+16.64			28.845	28.918	28.145	0.773
E						
+30.14			28.730	28.773	28.011	0.762
G						
38+61.13			29.068	29.110	28.510	0.600
G						
+74.63			28.973	29.046	28.435	0.611
G						
+88.13			28.874	28.957	28.331	0.626
G						
39+01.63			28.770	28.843	28.217	0.626
G						
+15.13			28.660	28.702	28.088	0.614

FINISH GRADES SUNSET BLVD. BRIDGE

STA	+	H. I.	-	ELEV.	FIN. GRADE OVER GIRDER	FIN. GRADE WITH CAMBER	ELEV. TOP GIRDER	FILL TO TOP DECK
B. M.								
POUR No 19								
A								
39+60.17					28.267	28.310	27.680	0.630
A								
+73.67					28.138	28.148	27.534	0.614
A								
± PIER 9								
+87.17					28.006	28.005	27.485	0.520
A								
40+00.67					27.868	27.878	27.298	0.580
A								
+14.17					27.726	27.768	27.180	0.588
C								
39+45.16					28.60	28.640	27.862	0.778
C								
+58.66					28.475	28.485	27.686	0.799
C								
± PIER 9								
+72.16					28.348	28.348	27.628	0.720
C								
+85.66					28.215	28.225	27.440	0.785
C								
+99.16					28.086	28.120	27.317	0.803
E								
39+30.14					28.730	28.773	28.011	0.762
E								
+43.64					28.613	28.623	27.835	0.788
E								
± PIER 9								
+57.14					28.490	28.490	27.780	0.710
E								
+70.64					28.363	28.373	27.598	0.775
E								
+84.14					28.230	28.273	27.490	0.783
G								
39+15.13					28.660	28.702	28.028	0.614
G								
+28.63					28.548	28.558	27.942	0.616
G								
± PIER 9								
+42.13					28.430	28.430	27.825	0.535
G								
+55.63					28.308	28.318	27.710	0.608
G								
+69.19					28.180	28.222	27.612	0.610

NOTE

SEE PG 43

FINISH GRADES SUNSET BLVD. BRIDGE

STA	+	H. I.	ELEV.	FIN. GRADE OVERGIRDER	FIN. GRADE WITH CAMBER	ELEV TOP GIRDER	FILL TO TOP DECK
B.M.							
POUR NO. 18							
A							
40+14.17		NOTE		27.720	27.768	27.180	0.588
A							
+27.67		SEE PG 44		27.580	27.653	27.080	0.573
A							
+41.17				27.428	27.510	26.937	0.573
A							
+54.67				27.272	27.345	26.781	0.564
A							
+68.17				27.112	27.154	26.618	0.536
C							
39+99.16				28.060	28.120	27.317	0.803
C							
40+12.66				27.937	28.010	27.252	0.758
C							
+26.16				27.790	27.874	27.112	0.762
C							
+39.66				27.640	27.713	26.970	0.743
C							
+53.16				27.485	27.527	26.865	0.662
E							
39+84.14				28.230	28.273	27.490	0.783
E							
+97.64				28.096	28.170	27.432	0.738
E							
40+11.14				27.953	28.036	27.301	0.735
E							
+27.64				27.808	27.880	27.151	0.729
E							
+38.14				27.658	27.700	27.025	0.675
G							
G 39+69.13				28.180	28.222	27.612	0.610
G							
G +82.63				28.050	28.123	27.513	0.610
G							
G +96.13				27.914	27.997	27.386	0.611
G							
G 40+09.63				27.773	27.846	27.241	0.605
G							
G +23.13				27.630	27.670	27.091	0.579

4-5 PC.
@ 14875

FINISH GRADES SUNSET BLVD. BRIDGE

STA.	+ H.I.	-	ELEV.	FIN. GRADE	FIN. GRADE	ELEV	FILL TO
				OVERGIRDER	WITH CASTER	TOP GIRDER	TOP DECK
B.M.							
A							POUR NO. 20
41+22.17							NOTE
A			26.426	26.478	25.758	0.720	✓
+37.04							SEE PG 46
A			26.225	26.327	25.616	0.711	✓
+51.92			26.016	26.131	25.434	0.697	✓
A							
+66.80			25.804	25.880	25.200	0.680	✓
A							
± N. Abut							
+81.67			25.585	25.585	24.975	0.610	✓
C							
41+07.16			26.820	26.870	25.970	0.900	✓
C							
+22.04			26.628	26.725	25.857	0.868	✓
C							
+36.91			26.420	26.535	25.672	0.863	✓
C							
+51.78			26.214	26.290	25.448	0.842	✓
C							
± N. Abut.							
+66.66			26.000	26.000	25.190	0.810	✓
E							
40+92.14			27.012	27.064	26.197	0.867	✓
E							
41+07.01			26.822	26.924	26.098	0.826	✓
E							
+21.89			26.625	26.740	25.917	0.823	✓
E							
+36.76			26.424	26.500	25.680	0.820	✓
E ± N. Abut							
+51.64			26.216	26.216	25.406	0.810	✓
G							
40+77.13			27.003	27.055	26.364	0.691	✓
G							
+92.00			26.817	26.919	26.232	0.687	✓
G							
41+06.88			26.627	26.742	26.057	0.685	✓
G							
+21.75			26.430	26.506	25.837	0.669	✓
G ± N. Abut							
+36.63			26.230	26.230	25.611	0.619	✓
G							

Plate

CHECK LEVELS SUNSET BR.

4-4-52

(25)

T. Stamper
A. Sherry
R. ShoreyCity
Last Berger No

STA	+	H.L.	-	ELEV.
B.M.				19.482

1. P10911.10

Pier #2

10.102 29.584

B.M.		1.960		27.624
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7.051

B.M.		3.220		26.344
------	--	-------	--	--------

344

6-9-52

Corrected

Top Rivet on girder "F" over Pier #2

Top Lead Plug N. End Top W.W. Wall @ South

End of Bridge

B.M.				28.558
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67

87

Top Rivet Girder "F" Pier 3

B.M.				29.777
------	--	--	--	--------

215

Top Rivet Girder "F" Pier 4

B.M.				29.494
------	--	--	--	--------

195

" " " F " 5

B.M.				29.530
------	--	--	--	--------

" " " F " 6

B.M.				29.288
------	--	--	--	--------

Raise Grades Pier 7 to 8

" " " F " 7

B.M.				28.738
------	--	--	--	--------

" " " F " 8

B.M.				27.890
------	--	--	--	--------

" " " F " 9

B.M.				26.772
------	--	--	--	--------

" " " F " 10

POUR N^o 3
FINISH GRADES SUNSET BLVD BRIDGE

6-2-52
POUR N^o 3

STA	FIN. GRADE	FIN. GRADE	ELEV.	FILL TO	
OVER GIRDER	WITH CAMBER	TOP GIRDER	TOP DECK		
EXP. JT. N ^o 1				0.710	
30+88.67	27.005	27.057	26.332	0.725 ^{0.15}	OK
31+02.17	27.171	27.184	26.478	0.706 ^{0.15}	OK
PIER 1				0.589	
+15.67	27.332	27.332	26.728	0.604 ^{0.15}	OK
+29.17	27.489	27.499	26.882	0.617 ^{0.15}	OK
+42.67	27.641	27.683	27.150	0.533 ^{0.15}	OK
EXP. JT. 1				0.796	
30+81.16	27.009	27.061	26.250	0.811 ^{0.15}	OK
+94.66	27.177	27.190	26.393	0.797 ^{0.15}	OK
PIER 1				0.694	
31+08.16	27.341	27.341	26.632	0.709 ^{0.15}	OK
+21.66	27.500	27.510	26.784	0.726 ^{0.15}	OK
+35.16	27.655	27.697	27.041	0.656 ^{0.15}	OK
EXP. JT. 1				0.822	
30+66.14	26.816	26.867	26.030	0.837 ^{0.15}	OK
+79.64	26.989	27.002	26.170	0.832 ^{0.15}	OK
PIER 1				0.716	
+93.14	27.157	27.157	26.426	0.731 ^{0.15}	OK
31+06.64	27.322	27.332	26.595	0.737 ^{0.15}	OK
+20.14	27.482	27.524	26.858	0.666 ^{0.15}	OK

STA	FIN. GRADE	FIN. GRADE	ELEV.	FILL TO	
OVER GIRDER	WITH CAMBER	TOP GIRDER	TOP DECK		
EXP. JT. 1				0.717	OK
30+58.63	26.620	26.672	25.940	0.732 ^{0.15}	OK
+72.13	26.796	26.809	26.090	0.719 ^{0.15}	OK
PIER 1				0.603	
+85.63	26.968	26.968	26.350	0.618 ^{0.15}	OK
+99.13	27.135	27.145	26.520	0.625 ^{0.15}	OK
31+12.63	27.297	27.339	26.790	0.549 ^{0.15}	OK
EXP. JT. 1				0.907	OK
30+73.65	27.010	27.062	26.140	0.922 ^{0.15}	OK
+87.15	27.181	27.194	26.250	0.914 ^{0.15}	OK
PIER 1				0.793	OK
31+00.65	27.348	27.348	26.540	0.808 ^{0.15}	OK
+14.15	27.509	27.519	26.705	0.814 ^{0.15}	OK
+27.65	27.666	27.708	26.965	0.743 ^{0.15}	OK

5-29-52

POUR NO 1
FINISH GRADES SUNSET BLVD BRIDGE

POUR NO 1
FIN GRADE FIN GRADE ELEV FILL TO
OVER GIRDER WITH CANBER GIRDER TOP DECK

STA	OVER GIRDER	WITH CANBER	GIRDER	TOP DECK	
B					0.518
31+42.67	27.641	27.683	27.150	0.533 ^{0.15}	OK
B					0.598
+56.17	27.788	27.861	27.248	0.613 ^{0.15}	OK
B					0.611
+69.67	27.931	28.014	27.388	0.626 ^{0.15}	OK
B					0.627
+83.17	28.070	28.143	27.501	0.642 ^{0.15}	OK
B					0.660
+96.67	28.204	28.246	27.565	0.681 ^{0.15}	OK
C					
31+35.16	27.655	27.697	27.041	0.656 ^{0.15}	0.641
C					
+48.66	27.805	27.877	27.140	0.737 ^{0.15}	0.722
C					
+62.16	27.950	28.033	27.290	0.743 ^{0.15}	0.728
C					
+75.66	28.093	28.167	27.422	0.745 ^{0.15}	0.730
C					
+89.16	28.228	28.270	27.475	0.795 ^{0.15}	0.780
E					
31+20.14	27.482	27.524	26.858	0.666 ^{0.15}	0.651
E					
+33.64	27.637	27.710	26.965	0.745 ^{0.15}	0.730
E					
+47.14	27.788	27.871	27.118	0.753 ^{0.15}	0.738
E					
+60.64	27.934	28.007	27.259	0.748 ^{0.15}	0.733
E					
+74.14	28.077	28.117	27.311	0.806 ^{0.15}	0.791

STA	FIN GRADE	FIN GRADE	ELEV	FILL TO	
F					OK
31+12.63	27.297	27.339	26.790	0.549 ^{0.15}	0.534
F					OK
+26.13	27.455	27.528	26.920	0.608 ^{0.15}	0.593
F					OK
+39.63	27.608	27.691	27.080	0.611 ^{0.15}	0.596
F					OK
+53.13	27.756	27.829	27.220	0.609 ^{0.15}	0.594
F					OK
+66.63	27.900	27.942	27.275	0.667 ^{0.15}	0.652
D					
31+27.65	27.666	27.708	26.965	0.743 ^{0.15}	OK 0.728
D					
+41.15	27.824	27.897	27.075	0.822 ^{0.15}	OK 0.807
D					
+54.65	27.967	28.050	27.225	0.825 ^{0.15}	OK 0.810
D					
+68.15	28.110	28.183	27.355	0.828 ^{0.15}	OK 0.813
D					
+81.65	28.250	28.292	27.405	0.887 ^{0.15}	OK 0.872

POURN^o 5

FINISH GRADES SUNSET BLVD BRIDGE

STA	FIN. GRADE OVER GIRDER	FIN. GRADE WITH CAMBER	ELEV. TOP GIRDER	FILL TO TOP DECK	
31+96.67 B	28.204	28.246	27.565	0.681 ^u	OK .666
32+10.17 B	28.333	28.343	27.680	0.663 ^u	OK .646
± PIER 2 +23.67 B	28.458	28.458	27.865 ^{ov}	0.593 ^u	OK .577
+37.17 B	28.578	28.588	27.930 ⁶⁴	0.658 ^u	OK .642
+50.67 C	28.694	28.736	28.120 ⁴⁶²	0.616 ^u	OK .601
31+89.16 C	28.228	28.270	27.475	0.795 ^u	OK .780
32+02.66 C	28.360	28.370	27.593	0.777 ^u	OK .762
± PIER N ^o 2 +16.16 C	28.487	28.487	27.774 ⁷⁷⁹	0.713 ^u	OK .698
+29.66 C	28.610	28.620	27.840 ⁸⁷⁴	0.780 ^u	OK .765
+43.16 E	28.727	28.770	28.022 ⁸⁷²	0.748 ^u	OK .732
31+74.14 E	28.077	28.117	27.311	0.806 ^u	OK .791
+87.64 E	28.212	28.222	27.433	0.789 ^u	OK .774
± PIER N ^o 2 32+01.14 E	28.345	28.345	27.637 ⁶⁵⁰	0.708 ^u	OK .693
+14.64 E	28.472	28.482	27.720 ⁷⁵⁵	0.762 ^u	OK .747
+28.14 E	28.597	28.637	27.931 ⁹⁷⁸	0.706 ^u	OK .691

POURN^o 5

FIN. GRADE OVER GIRDER FIN. GRADE WITH CAMBER ELEV. TOP GIRDER FILL TO TOP DECK

STA	FIN. GRADE OVER GIRDER	FIN. GRADE WITH CAMBER	ELEV. TOP GIRDER	FILL TO TOP DECK	
31+66.63 F	27.900	27.942	27.275	0.667 ^u	OK .652
+80.13 F	28.040	28.050	27.400	0.650 ^u	OK .635
± PIER N ^o 2 +93.63 F	28.175	28.175	27.580 ⁵⁸⁷	0.595 ^u	OK .580
32+07.13 F	28.305	28.315	27.655 ⁶⁸¹	0.660 ^u	OK .645
+20.63 D	28.431	28.473	27.850 ⁸⁰²	0.623 ^u	OK .608
31+81.65 D	28.250	28.292	27.405	0.887 ^u	OK .872
+95.15 D	28.394	28.394	27.520	0.874 ^u	OK .859
± PIER N ^o 2 32+08.65 D	28.514	28.514	27.710 ⁷¹⁸	0.804 ^u	OK .789
+92.15 D	28.640	28.650	27.780 ⁸¹²	0.870 ^u	OK .855
+35.65 E	28.760	28.802	27.965 ⁸⁷⁴	0.837 ^u	OK .822

POUR N^o 4

FINISH GRADES SUNSET BLVD BRIDGE

STA	FIN. GRADE OVER GIRDER	FIN. GRADE WITH CAMBER	ELEV. TOP GIRDER	FILL TO TOP DECK	
32+50.67	28.694	28.736	28.120 ⁺⁶⁹	0.616 ^{0.15}	OK .601
+64.17	28.805	28.878	28.235 ⁺⁵⁷	0.643 ^{0.15}	OK .628
+77.67	28.911	28.994	28.350 ⁺⁴⁵	0.644 ^{0.15}	OK .629
+91.17	29.013	29.086	28.445 ⁺⁵⁰	0.641 ^{0.15}	OK .626
33+04.67	29.111	29.153	28.520 ⁺⁴⁵	0.633 ^{0.15}	OK .616
32+43.16	28.727	28.770	28.022 ⁺⁷²	0.748 ^{0.15}	.733
+56.66	28.892	28.915	28.160 ⁺¹⁵	0.755 ^{0.15}	.740
+70.16	28.951	29.034	28.281 ⁺³¹	0.753 ^{0.15}	.738
+83.66	29.097	29.129	28.380 ⁺²²	0.749 ^{0.15}	.734
+97.16	29.155	29.197	28.445 ⁺⁸²	0.752 ^{0.15}	.737
32+28.14	28.597	28.637	27.931 ⁺⁷⁸	0.706 ^{0.15}	.691
+41.64	28.714	28.787	28.044 ⁺³⁸	0.743 ^{0.15}	.724
+55.14	28.827	28.911	28.160 ⁺¹³	0.751 ^{0.15}	.736
+68.64	28.937	29.011	28.268 ⁺¹¹	0.851 ^{0.15}	.728
+82.14	29.043	29.085	28.355 ⁺⁸⁸	0.730 ^{0.15}	.715

011
28.268
29.292

POUR N^o 4

STA	FIN. GRADE OVER GIRDER	FIN. GRADE WITH CAMBER	ELEV. TOP GIRDER	FILL TO TOP DECK	
32+20.63	28.431	28.473	27.850 ⁺⁵⁸	0.623 ^{0.15}	OK .608
+24.13	28.552	28.625	27.980 ⁺³⁸	0.645 ^{0.15}	OK .630
+47.63	28.669	28.752	28.110 ⁺⁶⁰	0.642 ^{0.15}	OK .627
+61.13	28.781	28.854	28.211 ⁺⁵⁵	0.643 ^{0.15}	OK .628
+74.63	28.888	28.930	28.300 ⁺⁷⁰	0.630 ^{0.15}	OK .615
32+35.65	28.760	28.802	27.965 ⁺¹⁰	0.837 ^{0.15}	OK .822
+49.15	28.876	28.949	28.090 ⁺³⁰	0.859 ^{0.15}	OK .844
+62.65	28.988	29.071	28.210 ⁺⁵⁰	0.861 ^{0.15}	OK .846
+76.15	29.095	29.168	28.325 ⁺⁶³	0.843 ^{0.15}	OK .828
+89.65	29.197	29.239	28.410 ⁺³⁹	0.829 ^{0.15}	OK .814

POUR NO 7
FINISH GRADE SUNSET BLVD BRIDGE

STA	FIN. GRADE OVER GIRDER	FIN. GRADE WITH CAMBER	ELEV. TOP GIRDER	FILL TO TOP DECK
33+04.67	29.111	29.153	28.520	0.633
+18.17	29.204	29.214	28.560	0.654
+PIER 3 +31.67	29.292	29.292	28.702	0.590
+45.17	29.376	29.306	28.720	0.666
+58.67	29.455	29.497	28.810	0.687
32+97.16	29.155	29.197	28.445	0.752
33+10.66	29.251	29.261	28.491	0.770
+PIER NO 3 +24.16	29.342	29.342	28.647	0.695
+37.66	29.427	29.437	28.676	0.761
+51.16	29.510	29.552	28.778	0.774
32+82.14	29.043	29.085	28.355	0.730
+25.64	29.144	29.154	28.393	0.761
+PIER NO 3 33+09.14	29.240	29.240	28.550	0.690
+22.64	29.331	29.341	28.590	0.751
+36.14	29.417	29.460	28.696	0.764

POUR NO 7
FIN. GRADE OVER GIRDER FIN. GRADE WITH CAMBER ELEV. TOP GIRDER FILL TO TOP DECK

STA	FIN. GRADE OVER GIRDER	FIN. GRADE WITH CAMBER	ELEV. TOP GIRDER	FILL TO TOP DECK
32+74.63	28.888	28.930	28.306	0.630
+86.13	28.991	29.001	28.345	0.656
+PIER NO 3 33+01.63	29.090	29.090	28.505	0.585
+15.13	29.184	29.194	28.530	0.664
+28.63	29.273	29.315	28.620	0.695
32+82.65	28.197	29.239	28.410	0.829
33+03.15	29.295	29.305	28.460	0.845
+PIER NO 3 +16.65	29.389	29.389	28.605	0.784
+30.15	29.478	29.488	28.638	0.850
+43.65	29.562	29.604	28.732	0.872

OK
.615
OK
.671
OK
.570
OK
.649
OK
.680
OK
.814
OK
.830
OK
.769
OK
.835
OK
.857

POUR NO 6

STA	FIN.GRADE OVER GIRDER	FIN.GRADE WITH CAMBER	SUNSET ELEV. TOP GIRDER	BRIDGE FILL TO TOP DECK	
33+58.67 B	29.455	29.497	28.810	0.687	.722
+72.17 B	29.530	29.603	28.913	0.690	.675
+85.67 B	29.600	29.683	28.981	0.702	.687
+99.17 B	29.665	29.738	29.030	0.708	.673
EXP. JT. NO 2 34+12.67 C	29.725	29.767	29.070	0.697	.682
33+51.16 C	29.510	29.552	28.778	0.774	.759
+64.66 C	29.587	29.660	28.874	0.786	.771
+78.16 C	29.659	29.742	28.942	0.800	.785
+91.66 C	29.727	29.800	28.988	0.812	.797
EXP. JT. NO 2 34+05.16 E	29.791	29.833	29.023	0.810	.795
33+36.14 E	29.417	29.460	28.696	0.764	.749
+49.64 E	29.500	29.573	28.801	0.772	.757
+63.14 E	29.577	29.661	28.870	0.791	.776
+76.64 E	29.651	29.724	28.924	0.800	.785
EXP. JT. NO 2 +90.14 E	29.719	29.761	28.973	0.788	.773

POUR NO 6

STA	FIN.GRADE OVER GIRDER	FIN.GRADE WITH CAMBER	ELEV. TOP GIRDER	FILL TO TOP DECK	
33+29.63 F	29.273	29.315	28.620	0.695	.680
+42.13 F	29.358	29.431	28.742	0.689	.674
+55.63 F	29.438	29.521	28.820	0.701	.686
+69.13 F	29.514	29.587	28.885	0.702	.687
EXP. JT. NO 2 33+12.67 D	29.585	29.627	28.930	0.697	.682
33+43.65 D	29.562	29.604	28.732	0.872	.857
+57.15 D	29.642	29.715	28.826	0.889	.874
+70.65 D	29.717	29.800	28.995	0.905	.890
+84.15 D	29.787	29.860	28.945	0.915	.900
EXP. JT. NO 2 +27.65 D	29.853	29.895	29.005	0.890	.875

OK

.680

OK

.674

OK

.686

OK

.687

OK

.682

OK .857

OK

.874

OK

.890

OK

.900

OK

.875

POUR No 9

FIN. GRADE OVER GIRDER	FIN. GRADE WITH CAMBER	SUNSET ELEV. TOP GIRDER	FIN. GRADE WITH CAMBER	ELEV. TOP GIRDER	FILL TO TOP DECK
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STA B					
# EXP. JT. No 2 34+12.67	29.725	29.767	29.070	0.697	.682
+26.17	29.783	29.793	29.118	0.681	.666
# PIER 4 34.67	29.835	29.835	29.240	0.586	.571
+53.17	29.892	29.892	29.285	0.595	.580
+66.67	29.925	29.967	29.410	0.545	.530
# EXP. JT. No 2 34+05.16	29.791	29.833	29.023	0.810	.795
+18.66	29.850	29.860	29.081	0.770	.755
# PIER No 4 +32.16	29.905	29.905	29.215	0.682	.667
+45.66	29.954	29.964	29.256	0.691	.676
+59.16	30.000	30.042	29.390	0.631	.616
# EXP. JT. No 2 33+20.14	29.719	29.761	28.973	0.788	.773
34+03.64	29.784	29.794	29.030	0.774	.759
# PIER No 4 +17.14	29.843	29.843	29.156	0.679	.664
+30.64	29.897	29.907	29.195	0.694	.679
+44.14	29.947	29.990	29.315	0.652	.637

POUR No 9

FIN. GRADE OVER GIRDER	FIN. GRADE WITH CAMBER	ELEV. TOP GIRDER	FILL TO TOP DECK
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STA F			
# EXP. JT. No 2 33+32.63	29.585	29.627	28.930
+26.13	29.652	29.662	28.990
# PIER No 4 34+09.63	29.714	29.714	29.130
+23.13	29.771	29.781	29.185
+36.63	29.825	29.867	29.292
# EXP. JT. No 2 33+27.65	29.853	29.895	29.005
34+11.15	29.915	29.925	29.050
# PIER No 4 +24.65	29.972	29.972	29.180
+38.15	30.024	30.034	29.230
+51.65	30.072	30.114	29.360

OK 0.07
682
OK
0.091
.668
OK 0.150
.567
OK
0.135
.586
OK 0.17
.538
OK
275
OK
260
0.16
OK
775
0.178
OK
777
0.180
OK
725

POUR No 8

FINISH GRADES SUNSET BLVD BRIDGE
FIN. GRADE OVER GIRDER FIN. GRADE WITH CAMBER ELEV. TOP GIRDER FILL TO TOP DECK

POUR No 8

FIN. GRADE OVER GIRDER FIN. GRADE WITH CAMBER ELEV. TOP GIRDER FILL TO TOP DECK

STA	FIN. GRADE OVER GIRDER	FIN. GRADE WITH CAMBER	ELEV. TOP GIRDER	FILL TO TOP DECK	
34+66.67	29.925	29.967	29.418 ⁴²²	0.545 _{0.15}	.530
+80.17	29.963	30.036	29.415 ⁴³⁴	0.602 _{0.15}	.587
+93.67	29.997	30.080	29.459 ⁴⁶⁶	0.614 _{0.15}	.599
35+07.17	30.026	30.099	29.475 ⁴⁸³	0.616 _{0.15}	.601
+20.67	30.050	30.092	29.488 ⁴¹¹	0.681 _{0.15}	.666
34+59.16	30.000	30.042	29.390 ⁴¹¹	0.631 _{0.15}	.616
+72.66	30.040	30.113	29.390 ⁴¹³	0.700 _{0.15}	.685
+86.16	30.077	30.160	29.430 ⁴⁵⁵	0.705 _{0.15}	.690
+99.66	30.107	30.181	29.448 ⁴⁷⁵	0.706 _{0.15}	.691
35+13.16	30.135	30.177	29.388 ⁴¹¹	0.766 _{0.15}	.751
34+44.14	29.947	29.990	29.315 ³³⁸	0.652 _{0.15}	.637
+57.64	29.994	30.067	29.316 ³⁴⁶	0.721 _{0.15}	.706
+71.14	30.035	30.117	29.375 ⁴⁰⁰	0.717 _{0.15}	.702
+84.64	30.072	30.145	29.400 ⁴³⁰	0.715 _{0.15}	.700
+98.14	30.103	30.147	29.335 ³⁶⁰	0.787 _{0.15}	.772

STA	FIN. GRADE OVER GIRDER	FIN. GRADE WITH CAMBER	ELEV. TOP GIRDER	FILL TO TOP DECK		
34+36.63	29.825	29.867	29.273 ³¹⁴	0.553 _{0.15}	.538	OK
+50.13	29.872	29.945	29.310 ³³³	0.612 _{0.15}	.597	OK
+63.63	29.916	30.000	29.355 ³⁸⁰	0.620 _{0.15}	.605	OK
+77.13	29.955	30.028	29.390 ⁴⁰⁸	0.620 _{0.15}	.605	OK
+90.63	29.990	30.032	29.335 ³⁸⁷	0.695 _{0.15}	.680	OK
34+51.65	30.072	30.114	29.350 ³⁷⁴	0.740 _{0.15}	.725	OK
+65.15	30.116	30.189	29.378 ³⁹⁵	0.794 _{0.15}	.779	OK
+78.65	30.154	30.237	29.420 ⁴³⁵	0.802 _{0.15}	.787	OK
+92.15	30.188	30.267	29.445 ⁴⁵⁷	0.809 _{0.15}	.789	OK
35+05.65	30.218	30.260	29.378 ³⁷⁸	0.882 _{0.15}	.867	OK

checked 8-13-52

STA	POUR NO 10 FINISH GRADES SUNSET BLVD BRIDGE			FILL TO TOP DECK	
	FIN. GRADE OVER GIRDER	FIN. GRADE WITH CAMBER	ELEV. TOP GIRDER		
35+74.67 B	30.103	30.145	29.502	0.643 _{0.15}	.628 [✓]
+88.17 B	30.105	30.178	29.527	0.651 _{0.15}	.636 [✓]
±BRIDGE 36+01.67 B	30.103	30.186	29.522	0.664 _{0.15}	.649 [✓]
+15.17 B	30.095	30.168	29.514	0.654 _{0.15}	.639 [✓]
+28.67 C	30.083	30.125	29.474	0.651 _{0.15}	.636 [✓]
35+67.16 C	30.197	30.240	29.490	0.750 _{0.15}	.735 [✓]
+80.66 C	30.200	30.273	29.513	0.760 _{0.15}	.745 [✓]
±BRIDGE +94.16 C	30.202	30.285	29.515	0.770 _{0.15}	.755 [✓]
36+07.66 C	30.197	30.270	29.512	0.758 _{0.15}	.743 [✓]
+21.16 E	30.187	30.229	29.496	0.733 _{0.15}	.718 [✓]
35+52.14 E	30.184	30.227	29.475	0.752 _{0.15}	.737 [✓]
+65.64 E	30.197	30.270	29.511	0.759 _{0.15}	.744 [✓]
±BRIDGE +79.14 E	30.202	30.285	29.513	0.772 _{0.15}	.757 [✓]
+92.64 E	30.200	30.273	29.510	0.763 _{0.15}	.748 [✓]
36+06.14	30.197	30.240	29.500	0.740 _{0.15}	.725 [✓]

STA	POUR NO 10 FIN. GRADE OVER GIRDER FIN. GRADE WITH CAMBER ELEV. TOP GIRDER			FILL TO TOP DECK	
	FIN. GRADE OVER GIRDER	FIN. GRADE WITH CAMBER	ELEV. TOP GIRDER		
35+44.63 F	30.083	30.125	29.468	0.657 _{0.15}	.642 [✓]
+58.13 F	30.095	30.168	29.510	0.658 _{0.15}	.643 [✓]
±BRIDGE +71.63 F	30.103	30.186	29.513	0.673 _{0.15}	.658 [✓]
+85.13 F	30.105	30.178	29.513	0.665 _{0.15}	.650 [✓]
+98.63 D	30.103	30.145	29.500	0.645 _{0.15}	.630 [✓]
35+59.65 D	30.291	30.333	29.422 ⁴⁹⁶	0.837 _{0.15}	.822 [✓]
+73.15 D	30.298	30.371	29.496 ⁵²⁹	0.842 _{0.15}	.827 [✓]
±BRIDGE +86.65 D	30.300	30.383	29.529 ⁵³⁰	0.853 _{0.15}	.838 [✓]
36+00.15 D	30.298	30.371	29.526 ⁵²⁶	0.845 _{0.15}	.830 [✓]
+13.65 F	30.291	30.333	29.526 ⁵⁰⁰	0.833 _{0.15}	.818 [✓]

OK

OK

OK

OK

OK

OK

checked 8-22-52

(37)

POUR NO 13
FINISH GRADES SUNSET BLVD BRIDGE

STA	FIN. GRADE OVER GIRDER	FIN. GRADE WITH CAMBER	ELEV. TOP GIRDER	FILL TO TOP DECK	
36+28.67 B	30.083	30.125	29.474	0.651 _{0.15}	.636 ^v
+42.17 B	30.067	30.077	29.413	0.664 _{0.15}	.649 ^v
± PIER 6 +55.67 B	30.045	30.045	29.460	0.585 _{0.15}	.570 ^v
+69.17 B	30.020	30.030	29.378	0.652 _{0.15}	.637 ^v
+82.67 C	29.990	30.032	29.364	0.668 _{0.15}	.653 ^v
36+21.16 C	30.187	30.229	29.496	0.733 _{0.15}	.718 ^v
+34.66 C	30.173	30.183	29.433	0.750 _{0.15}	.735 ^v
± PIER N° 6 +48.16 C	30.155	30.155	29.476	0.679 _{0.15}	.664 ^v
+61.66 C	30.132	30.142	29.391	0.751 _{0.15}	.736 ^v
+75.16 E	30.104	30.147	29.383	0.764 _{0.15}	.749 ^v
36+06.14 E	30.197	30.240	29.500	0.740 _{0.15}	.725 ^v
+19.64 E	30.189	30.199	29.440	0.759 _{0.15}	.744 ^v
± PIER N° 6 +33.14 E	30.177	30.177	29.499	0.678 _{0.15}	.663 ^v
+46.64 E	30.157	30.167	29.422	0.745 _{0.15}	.730 ^v
+60.14 E	30.135	30.177	29.434	0.743 _{0.15}	.728 ^v

POUR NO 13

STA	FIN. GRADE OVER GIRDER	FIN. GRADE WITH CAMBER	ELEV. TOP GIRDER	FILL TO TOP DECK	
35+98.63 F	30.103	30.145	29.500	0.645 _{0.15}	.630 ^v
36+12.13 F	30.096	30.106	29.438	0.668 _{0.15}	.653 ^v
± PIER N° 6 +25.63 F	30.086	30.086	29.498	0.588 _{0.15}	.573 ^v
+39.13 F	30.070	30.080	29.431	0.649 _{0.15}	.634 ^v
+52.63 D	30.050	30.092	29.438	0.654 _{0.15}	.639 ^v
36+13.65 D	30.291	30.333	29.526 ⁵⁰⁰	0.807 _{0.15}	.792
+27.15 D	30.280	30.290	29.500 ⁴⁴⁰	0.790 _{0.15}	.775
± PIER N° 6 +40.65 D	30.264	30.264	29.491	0.773 _{0.15}	.758
+54.15 D	30.243	30.253	29.425	0.828 _{0.15}	.813
+67.65 D	30.218	30.260	29.422	0.838 _{0.15}	.823

POUR NO 12
FINISH GRADES SUNSET BLVD BRIDGE

STA	FIN GRADE OVER GIRDER	FIN GRADE WITH CAMBER	ELEV. TOP GIRDER	FILL TO TOP DECK	
36+82.67 B	29.990	30.032	29.364	0.668 _{0.15}	.653 ✓
+96.17 B	29.955	30.028	29.420	0.608 _{0.15}	.593 ✓
37+09.67 B	29.916	30.000	29.387	0.613 _{0.15}	.598 ✓
+23.17 B	29.872	29.945	29.342	0.603 _{0.15}	.588 ✓
+36.67 C	29.825	29.867	29.321	0.546 _{0.15}	.531 ✓
36+75.16 C	30.103	30.147	29.383	0.764 _{0.15}	.749 ✓
+88.66 C	30.072	30.145	29.438	0.707 _{0.15}	.692 ✓
37+02.16 C	30.035	30.117	29.402	0.715 _{0.15}	.700 ✓
+15.66 C	29.994	30.067	29.352	0.715 _{0.15}	.700 ✓
+29.16 E	29.947	29.990	29.340	0.650 _{0.15}	.635 ✓
36+60.14 E	30.135	30.177	29.434	0.743 _{0.15}	.728 ✓
+73.64 E	30.107	30.181	29.498	0.683 _{0.15}	.668 ✓
+87.14 E	30.077	30.160	29.455	0.705 _{0.15}	.690 ✓
37+00.64 E	30.090	30.113	29.413	0.700 _{0.15}	.685 ✓
+14.14	30.000	30.042	29.405	0.637 _{0.15}	.622 ✓

checked 8-20-52 (38)

POUR NO 12

STA	FIN GRADE OVER GIRDER	FIN GRADE WITH CAMBER	ELEV. TOP GIRDER	FILL TO TOP DECK	
36+52.63 F	30.050	30.092	29.438	0.654 _{0.15}	.639 ✓
+66.13 F	30.026	30.099	29.502	0.597 _{0.15}	.582 ✓
+79.63 F	29.997	30.080	29.467	0.613 _{0.15}	.598 ✓
+93.13 F	29.963	30.036	29.422	0.614 _{0.15}	.599 ✓
37+06.63 D	29.925	29.967	29.391	0.576 _{0.15}	.561 ✓
36+67.65 D	30.218	30.260	29.422	0.838 _{0.15}	.823 ✓
+81.15 D	30.188	30.261	29.472	0.789 _{0.15}	.774 ✓
+94.65 D	30.154	30.237	29.437	0.800 _{0.15}	.785 ✓
37+08.15 D	30.116	30.189	29.394	0.795 _{0.15}	.780 ✓
+21.65	30.072	30.114	29.364	0.750 _{0.15}	.735 ✓

checked 9-4-52

POUR NO 15

FINISH GRADES SUNSET BLVD BRIDGE

STA	FINGRADE OVER GIRDER	FINGRADE WITH CAMBER	ELEV. TOP GIRDER	FILL TO TOP DECK	
37+36.67 B	29.825	29.867	29.321	0.546 ^L 0.15	.531 ^V
+50.17 B	29.771	29.781	29.182	0.599 ^L 0.15	.584 ^V
#PIER 7 +63.67 B	29.714	29.714	29.123	0.591 ^L 0.15	.576 ^V
+77.17 B	29.652	29.662	28.973	0.689 ^L 0.15	.674 ^V
#EXP. ST. NO 2 +90.67 C	29.585	29.627	28.887	0.740 ^L 0.15	.725 ^V
37+29.16 C	29.947	29.990	29.340	0.650 ^L 0.15	.635 ^V
+42.66 C	29.897	29.907	29.202	0.705 ^L 0.15	.690 ^V
#PIER NO 7 +56.16 C	29.843	29.843	29.153	0.690 ^L 0.15	.675 ^V
+69.66 C	29.784	29.794	29.008	0.786 ^L 0.15	.771 ^V
#EXP. ST. NO 2 +83.16 E	29.719	29.761	28.923	0.833 ^L 0.15	.818 ^V
37+14.14 E	30.000	30.042	29.405	0.637 ^L 0.15	.622 ^V
+27.64 E	29.954	29.964	29.272	0.692 ^L 0.15	.677 ^V
#PIER NO 7 +41.14 E	29.905	29.905	29.220	0.685 ^L 0.15	.670 ^V
+54.64 E	29.850	29.860	29.092	0.768 ^L 0.15	.753 ^V
#EXP. ST. NO 2 +68.14 E	29.791	29.833	29.015	0.818 ^L 0.15	.803 ^V

POUR NO 15

FINGRADE OVER GIRDER FINGRADE WITH CAMBER ELEV. TOP GIRDER FILL TO TOP DECK

STA	FINGRADE OVER GIRDER	FINGRADE WITH CAMBER	ELEV. TOP GIRDER	FILL TO TOP DECK	
37+06.63 F	29.925	29.967	29.391	0.576 ^L 0.15	.561 ^V
+20.13 F	29.882	29.892	29.275	0.617 ^L 0.15	.602 ^V
#PIER NO 7 +33.63 F	29.835	29.835	29.247	0.588 ^L 0.15	.573 ^V
+47.13 F	29.783	29.793	29.130	0.663 ^L 0.15	.648 ^V
#EXP. ST. NO 2 +60.63 D	29.725	29.767	29.070	0.697 ^L 0.15	.682 ^V
37+21.65 D	30.072	30.114	29.364	0.750 ^L 0.15	.735 ^V
+35.15 D	30.024	30.034	29.245	0.789 ^L 0.15	.774 ^V
#PIER NO 7 +48.65 D	29.972	29.972	29.180	0.792 ^L 0.15	.777 ^V
+62.15 D	29.915	29.925	29.034	0.891 ^L 0.15	.876 ^V
#EXP. ST. NO 2 +75.65 D	29.853	29.895	28.950	0.945 ^L 0.15	.930 ^V

POUR No 14
 FINISH GRADES SUNSET BLVD BRIDGE
 FIN GRADE OVER GIRDER WITH CAMBER FILL TO TOP DECK
 FIN GRADE ELEV. TOP GIRDER

POUR No 14
 FIN GRADE OVER GIRDER WITH CAMBER FILL TO TOP DECK
 FIN GRADE ELEV. TOP GIRDER

STA	FIN GRADE OVER GIRDER	FIN GRADE WITH CAMBER	ELEV. TOP GIRDER	FILL TO TOP DECK	
EXP JT. No 2 37+20.67 B	29.585	29.627	28.887	0.740 _{0.15}	725 V
38+04.17 B	29.514	29.587	28.859	0.728 _{0.15}	713 V
+17.67 B	29.438	29.521	28.812	0.709 _{0.15}	694 V
+31.17 B	29.358	29.431	28.749	0.682 _{0.15}	667 V
+44.67 C	29.273	29.315	28.648	0.667 _{0.15}	652 V
EXP JT. No 2 37+23.16 C	29.719	29.761	28.928	0.833 _{0.15}	818 V
+36.66 C	29.651	29.724	28.900	0.824 _{0.15}	809 V
38+10.16 C	29.577	29.661	28.838	0.823 _{0.15}	808 V
+23.66 C	29.500	29.573	28.780	0.793 _{0.15}	778 V
+37.16 E	29.417	29.460	28.671	0.789 _{0.15}	771 V
EXP JT. No 2 37+68.14 E	29.791	29.833	29.015	0.818 _{0.15}	803 V
+81.64 E	29.727	29.800	28.995	0.805 _{0.15}	790 V
+95.14 E	29.659	29.742	28.943	0.799 _{0.15}	784 V
38+08.64 E	29.587	29.660	28.877	0.783 _{0.15}	768 V
+22.14	29.510	29.552	28.774	0.778 _{0.15}	763 V

STA	FIN GRADE OVER GIRDER	FIN GRADE WITH CAMBER	ELEV. TOP GIRDER	FILL TO TOP DECK	
EXP JT. No 2 37+60.63 F	29.725	29.767	29.070	0.697 _{0.15}	682
+74.13 F	29.665	29.738	29.051	0.687 _{0.15}	672
+87.63 F	29.600	29.683	29.002	0.681 _{0.15}	666
38+01.13 F	29.530	29.603	28.985	0.618 _{0.15}	? 603
+14.63	29.455	29.497	28.832	0.665 _{0.15}	650
EXP JT. No 2 37+75.65 D	29.853	29.895	28.950	0.945 _{0.15}	930
+89.15 D	29.787	29.860	28.929	0.931 _{0.15}	916
38+02.65 D	29.717	29.800	28.875	0.925 _{0.15}	910
+16.15 D	29.642	29.715	28.808	0.907 _{0.15}	892
+29.65	29.562	29.604	28.713	0.891 _{0.15}	876
					65 15 665

Checked 3-17-52

(41)

POUR No 17					POUR No 17						
FINISH GRADE	SUNSET BLVD BRIDGE	FIN GRADE	FIN GRADE	ELEV.	FILL TO	FIN GRADE	FIN GRADE	ELEV.	FILL TO		
OVER GIRDER	WITH CAMBER	TOP GIRDER	TOP GIRDER	TOP DECK	TOP DECK	OVER GIRDER	WITH CAMBER	TOP GIRDER	TOP DECK		
STA						STA					
38+44.67 B	29.273	29.315	28.648	0.667 ^c 0.15	.652 ^v	38+14.63 F	29.455	29.497	28.832	0.665 ^c 0.15	.650 ^v
+58.17 B	29.184	29.194	28.539	0.655 ^c 0.15	.640 ^v	+29.13 F	29.376	29.386	28.738	0.648 ^c 0.15	.633 ^v
± PIER N ^o 8 +71.67 B	29.090	29.090	28.500	0.590 ^c 0.15	.575 ^v	± PIER N ^o 8 +41.63 F	29.292	29.292	28.714	0.578 ^c 0.15	.563 ^v
+85.17 B	28.991	29.001	28.334	0.667 ^c 0.15	.652 ^v	+55.13 F	29.204	29.214	28.565	0.649 ^c 0.15	.634 ^v
+98.67 C	28.888	28.930	28.242	0.688 ^c 0.15	.673 ^v	+68.63 D	29.111	29.153	28.488	0.665 ^c 0.15	.650 ^v
38+37.16 C	29.417	29.460	28.671	0.789 ^c 0.15	.774 ^v	38+29.65 D	29.562	29.604	28.713	0.891 ^c 0.15	.876 ^v
+50.66 C	29.331	29.341	28.589	0.752 ^c 0.15	.737 ^v	+43.15 D	29.478	29.488	28.632	0.856 ^c 0.15	.841 ^v
± PIER N ^o 8 +64.16 C	29.240	29.240	28.559	0.681 ^c 0.15	.666 ^v	± PIER N ^o 8 +56.65 D	29.389	29.389	28.612	0.777 ^c 0.15	.762 ^v
+77.66 C	29.144	29.154	28.408	0.746 ^c 0.15	.731 ^v	+70.15 D	29.295	29.305	28.471	0.834 ^c 0.15	.819 ^v
+91.16 E	29.043	29.085	28.323	0.762 ^c 0.15	.747 ^v	+83.65	29.197	29.239	28.412	0.827 ^c 0.15	.812 ^v
38+22.14 E	29.510	29.552	28.774	0.778 ^c 0.15	.763 ^v						
+35.64 E	29.427	29.437	28.689	0.748 ^c 0.15	.733 ^v						
± PIER N ^o 8 +49.14 E	29.342	29.342	28.661	0.681 ^c 0.15	.666 ^v						
+62.64 E	29.251	29.261	28.513	0.748 ^c 0.15	.733 ^v						
+76.14	29.155	29.197	28.432	0.765 ^c 0.15	.750 ^v						

Checked 9-15-52 (42)

POUR No 16
FINISH GRADES SUNSET BLVD BRIDGE

STA	FINISH GRADE OVER GIRDER	FINISH GRADE WITH CAMBER	ELEV. TOP GIRDER	FILL TO TOP DECK	
38+25.67 B	28.888	28.930	28.242	0.688 ^c 0.15	.673 ✓
39+12.17 B	28.781	28.854	28.199	0.655 ^c 0.15	.640 ✓
+25.67 B	28.669	28.752	28.088	0.664 ^c 0.15	.649 ✓
+39.17 B	28.552	28.625	27.972	0.653 ^c 0.15	.638 ✓
+52.67 C	28.431	28.473	27.828	0.645 ^c 0.15	.630 ✓
38+21.16 C	29.043	29.085	28.323	0.762 ^c 0.15	.747 ✓
39+04.66 C	28.937	29.011	28.270	0.741 ^c 0.15	.726 ✓
+18.16 C	28.827	28.911	28.153	0.758 ^c 0.15	.743 ✓
+31.66 C	28.714	28.787	28.027	0.760 ^c 0.15	.745 ✓
+45.16 E	28.597	28.637	27.886	0.751 ^c 0.15	.736 ✓
38+76.14 E	29.155	29.197	28.432	0.765 ^c 0.15	.750 ✓
+89.64 E	29.097	29.129	28.387	0.742 ^c 0.15	.727 ✓
39+03.14 E	28.951	29.034	28.284	0.750 ^c 0.15	.735 ✓
+16.64 E	28.842	28.915	28.167	0.748 ^c 0.15	.733 ✓
+30.14 E	28.727	28.770	28.033	0.737 ^c 0.15	.722 ✓

POUR No 16

STA	FINISH GRADE OVER GIRDER	FINISH GRADE WITH CAMBER	ELEV. TOP GIRDER	FILL TO TOP DECK	
38+68.63 F	29.111	29.153	28.488	0.665 ^c 0.15	.650 ✓
+82.13 F	29.013	29.086	28.438	0.648 ^c 0.15	.633 ✓
+95.63 F	28.911	28.994	28.339	0.655 ^c 0.15	.640 ✓
39+09.13 F	28.805	28.878	28.210	0.668 ^c 0.15	.653 ✓
+22.63 D	28.694	28.736	28.088	0.648 ^c 0.15	.633 ✓
38+83.65 D	29.197	29.239	28.412	0.827 ^c 0.15	.812
+97.15 D	29.095	29.168	28.370	0.798 ^c 0.15	.783
39+10.65 D	28.988	29.071	28.253	0.818 ^c 0.15	.803
+24.15 D	28.876	28.949	28.117	0.832 ^c 0.15	.817
+37.65 E	28.760	28.802	27.962	0.840 ^c 0.15	.825

POUR NO 19
FINISH GRADES SUNSET BLVD BRIDGE

POUR NO 19
FINISH GRADES

STA	FIN. GRADE OVER GIRDER	FINGRADE WITH CAMBER	ELEV. TOP GIRDER	FILL TO TOP DECK	
39+52.67 B	28.431	28.473	27.828	0.645 _{0.15}	.630 ✓
+66.17 B	28.305	28.315	27.637	0.678 _{0.15}	.663 ✓
± PIER N°9 +79.67 B	28.175	28.175	27.588	0.587 _{0.15}	.572 ✓
+93.17 B	28.040	28.050	27.392	0.658 _{0.15}	.643 ✓
40+06.67 C	27.900	27.942	27.273	0.669 _{0.15}	.654 ✓
39+45.16 C	28.597	28.637	27.886	0.751 _{0.15}	.736 ✓
+58.66 C	28.472	28.482	27.712	0.770 _{0.15}	.755 ✓
± PIER N°9 +72.16 C	28.345	28.345	27.654	0.691 _{0.15}	.676 ✓
+85.66 C	28.212	28.222	27.455	0.767 _{0.15}	.752 ✓
+99.16 E	28.077	28.177	27.334	0.783 _{0.15}	.768 ✓
39+30.14 E	28.727	28.770	28.033	0.737 _{0.15}	.722 ✓
+43.64 E	28.610	28.620	27.858	0.762 _{0.15}	.747 ✓
± PIER N°9 +57.14 E	28.487	28.487	27.801	0.686 _{0.15}	.671 ✓
+70.64 E	28.360	28.370	27.613	0.757 _{0.15}	.742 ✓
+84.14	28.228	28.270	27.503	0.767 _{0.15}	.752 ✓

STA	FINGRADE OVER GIRDER	FINGRADE WITH CAMBER	ELEV. TOP GIRDER	FILL TO TOP DECK	
39+22.63 F	28.694	28.736	28.088	0.648 _{0.15}	.633 ✓
+36.13 F	28.578	28.588	27.915	0.673 _{0.15}	.658 ✓
± PIER N°9 +49.63 F	28.458	28.458	27.863	0.595 _{0.15}	.580 ✓
+63.13 F	28.333	28.343	27.672	0.671 _{0.15}	.656 ✓
+76.63 D	28.204	28.246	27.560	0.686 _{0.15}	.671 ✓
39+27.65 D	28.760	28.802	27.962	0.840 _{0.15}	.825 ✓
+51.15 D	28.640	28.650	27.778	0.872 _{0.15}	.857 ✓
± PIER N°9 +64.65 D	28.514	28.514	27.721	0.793 _{0.15}	.778 ✓
+78.15 D	28.384	28.394	27.520	0.874 _{0.15}	.859 ✓
+91.65	28.250	28.292	27.403	0.889 _{0.15}	.874 ✓

POUR # 18						
FINISH GRADES SUNSET BLVD. BRIDGE						
STA	FINGRADE OVER GIRDER	FINGRADE WITH CAMBER	ELEV. TOP GIRDER	FILL TO TOP DECK		
40+06.67 B	27.900	27.942	27.273	0.669 0.15	.654	
+20.17 B	27.756	27.829	27.215	0.614 0.15	.599	
+33.67 B	27.608	27.691	27.078	0.613 0.15	.598	
+47.17 B	27.455	27.528	26.934	0.594 0.15	.579	
+60.67 C	27.297	27.339	26.818	0.521 0.15	.506	
39+99.16 C	28.077	28.117	27.339	0.783 0.15	.768	
40+12.66 C	27.934	28.007	27.268	0.739 0.15	.724	
+26.16 C	27.788	27.871	27.133	0.738 0.15	.723	
+39.66 C	27.637	27.710	26.987	0.723 0.15	.708	
+53.16 E	27.482	27.524	26.983	0.641 0.15	.626	
39+84.14 E	28.228	28.270	27.503	0.767 0.15	.752	
+37.64 E	28.093	28.167	27.448	0.719 0.15	.704	
40+11.14 E	27.950	28.033	27.315	0.718 0.15	.703	
+24.64 E	27.805	27.877	27.166	0.711 0.15	.696	
+38.14	27.655	27.697	27.040	0.657 0.15	.642	

Checked 9-22-52 T.A.S. (44)

POUR # 18						
STA	FINGRADE OVER GIRDER	FINGRADE WITH CAMBER	ELEV. TOP GIRDER	FILL TO TOP DECK		
39+76.63 F	28.204	28.246	27.560	0.686 0.15	.671	
+90.13 F	28.070	28.143	27.520	0.623 0.15	.608	
40+03.63 F	27.931	28.014	27.386	0.628 0.15	.613	
+17.13 F	27.788	27.861	27.238	0.623 0.15	.608	
+30.63 D	27.641	27.683	27.130	0.553 0.15	.538	
39+91.65 D	28.250	28.292	27.403	0.889 0.15	.874	
40+05.15 D	28.110	28.183	27.354	0.829 0.15	.814	
+18.65 D	27.967	28.050	27.231	0.819 0.15	.804	
+32.15 D	27.824	27.897	27.088	0.809 0.15	.794	
+45.65 E	27.666	27.708	26.980	0.728 0.15	.713	

POUR NO 21
FINISH GRADES SUNSET BLVD BRIDGE

STA	FINGRADE OVER GIRDER	FINGRADE WITH CAMBER	ELEV. TOP GIRDER	FILL TO TOP DECK	
40+60.67 _B	27.297	27.339	26.818	0.521 _{0.15}	.506 ✓
+74.17 _B	27.135	27.145	26.548	0.597 _{0.15}	.582 ✓
± PIER NO 10					
+87.67 _B	26.968	26.968	26.376	0.592 _{0.15}	.577 ✓
41+01.17 _B	26.796	26.809	26.101	0.708 _{0.15}	.673 ✓
± EXP. JT. NO 1					
+14.67 _B	26.620	26.672	25.898	0.774 _{0.15}	.759 ✓
40+53.16 _C	27.482	27.524	26.883	0.641 _{0.15}	.626 ✓
+66.66 _C	27.322	27.332	26.624	0.708 _{0.15}	.693 ✓
± PIER NO 10					
+80.16 _C	27.157	27.157	26.459	0.698 _{0.15}	.683 ✓
+93.66 _C	26.989	27.002	26.203	0.799 _{0.15}	.784 ✓
± EXP. JT. NO 1					
41+07.16 _E	26.816	26.867	25.998	0.869 _{0.15}	.854 ✓
40+38.14 _E	27.655	27.697	27.040	0.657 _{0.15}	.643 ✓
+51.64 _E	27.500	27.510	26.805	0.705 _{0.15}	.690 ✓
± PIER NO 10					
+65.14 _E	27.341	27.341	26.652	0.689 _{0.15}	.674 ✓
+78.64 _E	27.177	27.190	26.408	0.782 _{0.15}	.767 ✓
± EXP. JT. NO 1					
+92.14 _E	27.009	27.061	26.230	0.831 _{0.15}	.816 ✓

Checked 10-8-52 T.A.S

(45)

POUR NO 21
FINISH GRADES SUNSET BLVD BRIDGE

STA	FINGRADE OVER GIRDER	FINGRADE WITH CAMBER	ELEV. TOP GIRDER	FILL TO TOP DECK	
40+30.63 _F	27.641	27.683	27.130	0.553 _{0.15}	.538 ✓
+44.13 _F	27.489	27.499	26.880	0.619 _{0.15}	.604 ✓
± PIER NO 10					
+57.63 _F	27.332	27.332	26.740	0.592 _{0.15}	.577 ✓
+71.13 _F	27.171	27.184	26.488	0.696 _{0.15}	.681 ✓
± EXP. JT. NO 1					
+84.63 _F	27.005	27.057	26.316	0.741 _{0.15}	.726 ✓
40+45.65 _D	27.666	27.708	26.980	0.728 _{0.15}	.713 ✓
+59.15 _D	27.509	27.519	26.718	0.801 _{0.15}	.786 ✓
± PIER NO 10					
+72.65 _D	27.348	27.348	26.560	0.788 _{0.15}	.773 ✓
+86.15 _D	27.181	27.194	26.314	0.880 _{0.15}	.865 ✓
± EXP. JT. NO 1					
+99.65 _D	27.010	27.062	26.113	0.949 _{0.15}	.934 ✓

POUR N° 20 FINISH GRADES SUNSET BLVD. BRIDGE				
STA	FIN. GRADE OVER GIRDER	FIN. GRADE WITH CAMBER	ELEV. TOP GIRDER	FILL TO TOP DECK
# EXP. JT. N° 1 41+14.67	26.620	26.672	25.898	0.774 _{0.15} .759 ^v
+29.55	26.421	26.523	25.790	0.733 _{0.15} .718 ^v
+44.42	26.217	26.332	25.597	0.735 _{0.15} .720 ^v
+52.30	26.006	26.082	25.354	0.728 _{0.15} .713 ^v
# Bear. N. Abut +74.17	25.791	25.791	25.094	0.697 _{0.15} .682 ^v
# EXP. JT. N° 1 41+07.16	26.818	26.868	25.998	0.870 _{0.15} .855 ^v
+22.04	26.623	26.725	25.880	0.845 _{0.15} .830 ^v
+36.91	26.417	26.532	25.695	0.837 _{0.15} .822 ^v
+51.78	26.211	26.287	25.472	0.815 _{0.15} .800 ^v
# Bear. N. Abut +66.66	25.997	25.997	25.208	0.797 _{0.15} .782 ^v
# EXP. JT. N° 1 40+92.14	27.009	27.061	26.230	0.831 _{0.15} .816 ^v
41+07.02	26.819	26.921	26.122	0.799 _{0.15} .784 ^v
+21.89	26.622	26.737	25.938	0.799 _{0.15} .784 ^v
+36.76	26.421	26.497	25.700	0.797 _{0.15} .782 ^v
# Bear. N. Abut +51.64	26.213	26.213	25.436	0.777 _{0.15} .762 ^v

10-6-52 Checked T.A.S. (46)

POUR N° 20				
STA	FIN. GRADE OVER GIRDER	FIN. GRADE WITH CAMBER	ELEV. TOP GIRDER	FILL TO TOP DECK
# EXP. JT. N° 1 40+84.63	27.005	27.057	26.316	0.741 _{0.15} .726 ^v
+99.50	26.818	26.920	26.201	0.719 _{0.15} .704 ^v
41+14.38	26.621	26.739	26.013	0.726 _{0.15} .711 ^v
+29.25	26.425	26.501	25.785	0.716 _{0.15} .701 ^v
# Bear. N. Abut +44.13	26.220	26.220	25.528	0.692 _{0.15} .677 ^v
# EXP. JT. N° 1 40+92.65	27.010	27.062	26.113	0.949 _{0.15} .934 ^v
41+14.52	26.817	26.919	26.004	0.915 _{0.15} .900 ^v
+29.40	26.618	26.733	25.817	0.916 _{0.15} .901 ^v
+44.28	26.414	26.490	25.588	0.902 _{0.15} .887 ^v
# Bear. N. Abut +52.15	26.203	26.203	25.320	0.883 _{0.15} .868 ^v

CHECK LEVELS SUNSET

6-9-52

(47)

BLVD BRIDGE PROJ. N° 65390

U.S.E.D. Inst. Berger N° 6397

T. Stampel
R. Sisson
R. Shorey
A. Sherry

STA	+	H.I.	-	ELEV.	
T.B.M.				195 29.245	Top Rivet Girder F Pier N° 4
	5.247	34.462			
T.B.M.				19 4.923 29.539 29.424	Side Shot Top Rivet Girder F Pier 5
TP.				54 4.888 29.574 29.530	Top Rivet Girder F Pier N° 6
	4.548	34.122			
T.B.M.				07 4.795 29.327 29.288	Side Shot Top Rivet Girder F Pier N° 7
TP.				62 5.340 28.732 28.758	Top Rivet Girder F Pier N° 8
	3.948	32.730			
T.B.M.				3 08 4.802 27.928 27.890	Side Shot Top Rivet Girder F Pier N° 9
T.B.M.				88 5.910 26.820 26.772	" " " " " " N° 10
B.M.				47 5.963 26.767 26.745	N.E. Top West Wing Wall N. Abut.
B.M.				30 12.580 20.150 20.123	West Seat N. Abut.
B.M.				25 13.885 18.845 18.808	Lead Plug W. End Pier N° 10
B.M.				48 12.764 19.968 19.951	" " " " " " N° 9
B.M.				61 3.949 28.781	Top Rivet Girder F Pier N° 8
	5.395	34.176			
T.B.M.				01 4.855 29.324 29.327	Top Rivet Girder F Pier N° 7
TP.				50 4.606 29.570 29.574	Top Rivet Girder F Pier N° 6

CHECK LEVELS SUNSET BR (CONTD)

6-9-52

(48)

STA	+ H.I.	-	ELEV.	
T.B.M.			550 29.570	5 540 Top Rivet Girder F Pier No 6
	4.880	34.450		
T.B.M.			58 4.923 29.5 27 ²⁷	29.5 20 ²⁰ Side Shot Girder F Pier No 5 Top Rivet
TP			188 5.242 29.208	195 214 Top Rivet " " " No 4
	4.443	33.656		
T.B.M.			569 5.077 28.589	6 28.587 Top Rivet Girder F Pier No 3 Side Shot
B.M.			56 12.580 21.076	21.057 Top Lead Plug West End Pier No 4
TP			28 6.008 27.648	3 27.631 Top Rivet Girder F Pier No 2
	4.758	32.406		
B.M.			45 6.041 26.365	4 26.364 Top Lead Plug N. End Top West Wing W. S. Abut
TP			64 12.522 19.884	
	3.920	23.804		
B.M.			66 11.318 12.486	12.466 N.W. Corner Hdwall 3-rd Inlet West of Midway Drive
B.M.			West 500 20.123	N. Abut.
	9.265	30.088		
B.M.			N.E. End 3.348 26.740	West W. Wing N. Abut 26.740

NOTE: SOUTH ABUT. HAS EVIDENTLY
SETTLED 1/4 INCH

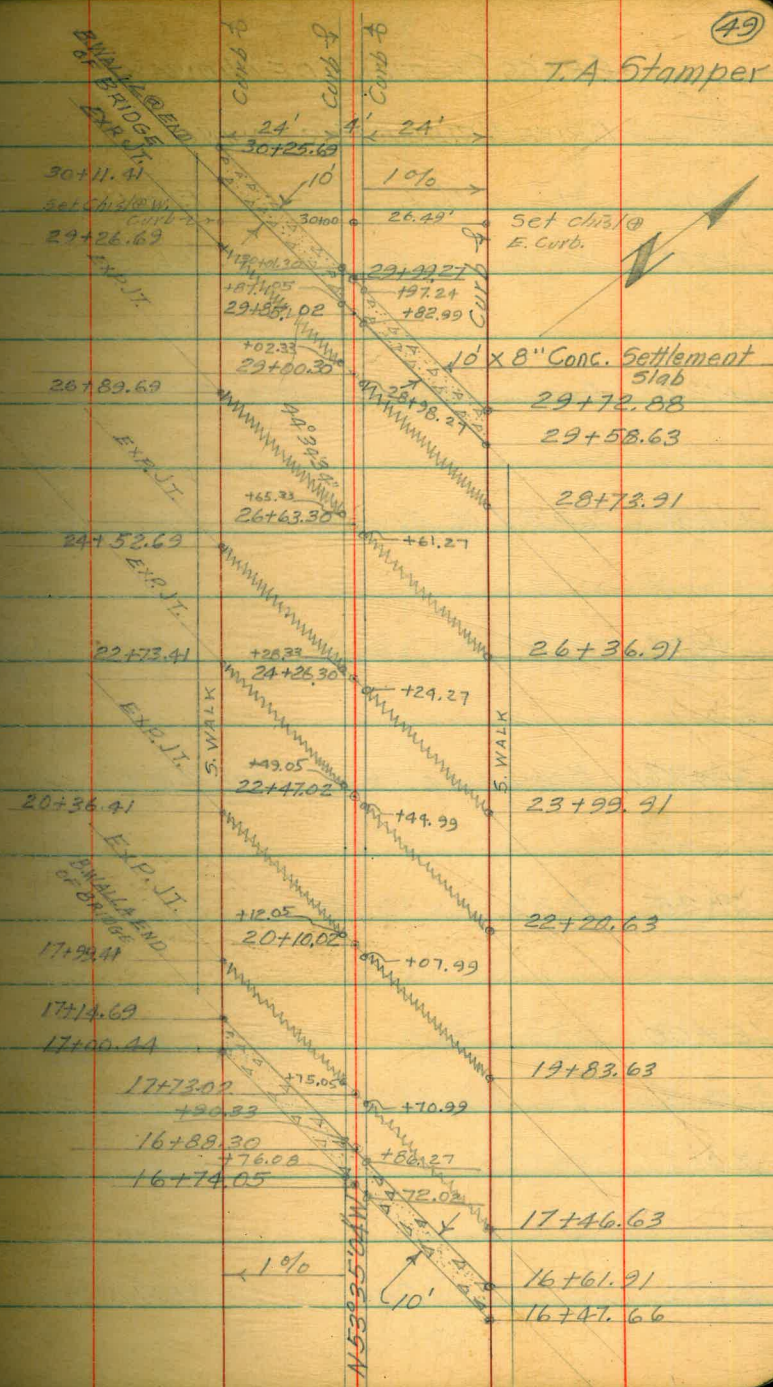
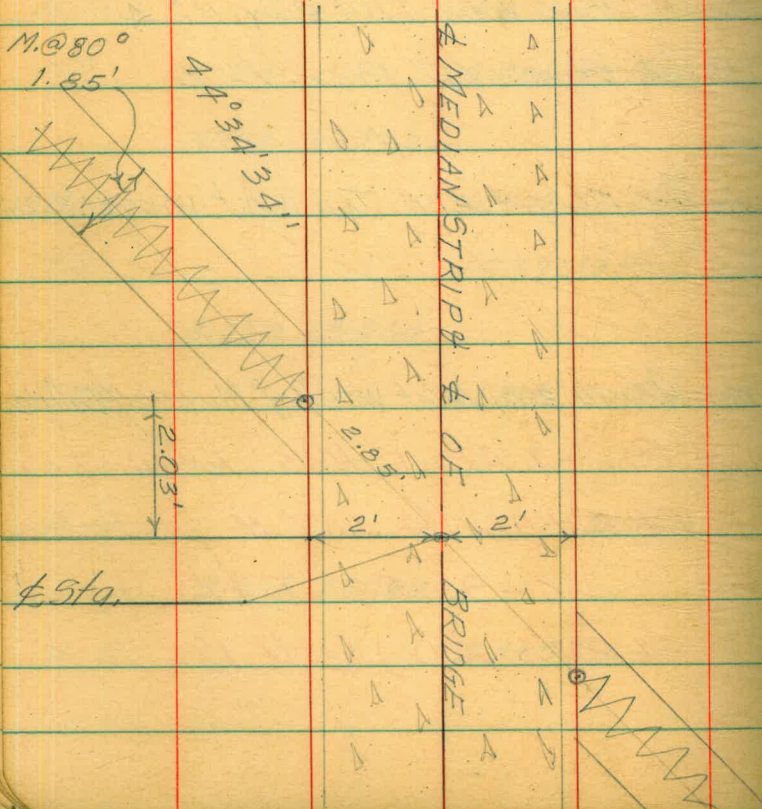
6-9-52 T.A.S.

ELEV'S ADJUSTED

MIDWAY DRIVE BRIDGE
 BASELINE LAYOUT FOR CROSS
 SECTION'S FOR PAVING
 W.O. 20006

(49)
 T.A. Stamper

Typical Section Median Strip



3-3-53

(50)

CROSS SECTIONS OF MIDWAY

Lt. West

±

Rt. East

DRIVE BRIDGE FOR PAVING

NOTE: See Sketch Pg. 49

Stampet
Huffman
Sherry
Sherry

Sta. + H.L. - Elev.

W. Gutter

1/4

W. Profile

E. Profile

1/4

E. Gutter

+75

26.54
2626.44
1426.67
226.73
226.86
1426.75
26

+72.02 Beginning Conc. Slab 2' Rt

26.59
2

+61.91 Top B.L. @ End of Bridge 26' Rt.

26.49
26

Top B.L.

+50

25.85
2625.85
1425.87
225.90
225.90
1425.94
26

+47.66 Beginning Conc. Slab 26' Rt

25.84
26Beg. Conc
slab

+25

25.85
2625.02
1425.04
225.07
224.89
1424.75
26

16+00

FB 64
4524.23
2624.19
1424.12
224.13
224.01
1423.76
26

B.M. Conc. Man & W. Walk @ S. Abut. 27.745 27.92

Gut

Profile

Profile

Gut

B.M.

26.47

Apparently Settled
Nail in Top of S. End of East Wing Wall

T.P.

19.44

B.M.

10.72

Top of 1" I.P. @ S.W. Prop. Cor of Mission Bay
Boat Works Mkd. L.S. 2486

CROSS SECTIONS/MIDWAY BRIDGE CONTD.

3-3-53

Lt. West & Rt. East

(57)

Sta.	H.I.	Elev.	W. Gutter	1/4	W. Profile	E. Profile	1/4	E. Gutter
17+50			28.31 26	28.45 14	28.54 2	28.65 2	28.66 14	28.65 26
17+46.63	EXP 26' RT							28.53 26
17+25			27.87 26	27.90 14	28.06 2	28.11 2	28.03 14	27.97 26
17+14.69	Conc Slab 26' Lt.		27.67 26					
17+00.44	Conc Slab 26' Lt.		27.11 26					
17+00			27.07 26	27.43 14	27.54 2	27.50 2	27.41 14	27.36 26
16+20.33	Conc Slab 2' Lt.				27.35 2			
16+86.27	Conc Slab 2' Rt.					27.26 2		
16+76.08	Beginning Conc Slab 2' Lt.				26.70 2			

CROSS SECTIONS MIDWAY DRIVE BRIDGE CONT'D

3-3-53

Sta	+	H.L.	-	Elev.	Lt. West		Rt East			
					W. Gutter	1/4	W. Profile	E. Profile	1/4	E. Gutter
19+00					30.41 26	30.54 14	30.65 2	30.64 2	30.56 14	30.56 26
+75					30.16 26	30.30 14	30.40 2	30.34 2	30.28 14	30.24 26
+50					30.00 26	30.04 14	30.09 2	30.10 2	30.02 14	29.92 26
T.P. +25				30.34	29.70 26	29.76 14	29.79 2	29.89 2	29.74 14	29.62 26
18+00					29.35 26	29.42 14	29.49 2	29.55 2	29.42 14	29.30 26
17+99.41	Exp. St.				29.35 26					
17+75.05	Exp. St.						29.20 2			
17+75					28.80 26	28.98 14	29.19 2	29.16 2	29.10 14	29.02 26
17+70.99	Exp. St.							29.14 2		

CROSS SECTIONS MIDWAY DRIVE BRIDGE CONT'D

3-3-53

(53)

Sta	H.I.	Elev.	1/4 West	W. Profile	E. Profile	1/4 East	E. Gutter	
+36.41	EXP ST. 26' Lt.			31.33 26				
+25			31.29 26	31.36 14	31.44 2	31.49 2	31.23 14	31.10 26
+12.05	EXP ST. 2' Lt.				31.43 2			
+07.99	EXP ST. 2' Rt					31.43 2		
20+00			31.16 26	31.23 14	31.32 2	31.40 2	31.26 14	31.08 26
+83.63	EXP ST. 26' Rt						31.04 26	
+75			31.05 26	31.15 14	31.13 2	31.21 2	31.09 14	30.95 26
+50			30.82 26	30.97 14	31.06 2	31.14 2	30.97 14	30.88 26
19+25			30.65 26	30.76 14	30.87 2	30.88 2	30.79 14	30.72 26

CROSS SECTIONS MIDWAY BRIDGE CONT'D.

3-3-53

(54)

Sta.	+	H.I.	-	Elev.	Lt. West		E		Rt. East	
					W. Gutter	1/4	W. Profile	E. Profile	1/4	E. Gutter
+25					31.82 26	32.00 14	32.11 2	32.10 2	32.08 14	32.07 26
+20.63										32.00 26
22+00					31.79 26	31.97 14	32.04 2	32.01 2	31.94 14	31.88 26
+75					31.67 26	31.86 14	32.00 2	32.04 2	31.92 14	31.84 26
+50					31.66 26	31.81 14	31.91 2	31.93 2	31.80 14	31.71 26
+25					31.57 26	31.72 14	31.81 2	31.86 2	31.74 14	31.57 26
21+00					31.44 26	31.65 14	31.77 2	31.76 2	31.62 14	31.50 26
+75					31.36 26	31.50 14	31.62 2	31.65 2	31.54 14	31.37 26
20+50					31.30 26	31.43 14	31.52 2	31.52 2	31.41 14	31.27 26

CROSS SECTIONS MIDWAY BRIDGE CONTD

3-4-53

(55)

Sta	+	H. I	-	Elev	H. West # Rt East					
					W. Gutter	1/4	W. Profile	E. Profile	1/4	E. Gutter
+75					31.96 26	32.09 14	32.15 2	32.21 2	32.10 14	32.04 26
+50					31.96 26	32.10 14	32.18 2	32.17 2	32.08 14	32.02 26
+25					31.98 26	32.15 14	32.29 2	32.13 2	32.07 14	32.02 26
23+00					32.03 26	32.11 14	32.18 2	32.18 2	32.10 14	31.96 26
+75					31.99 26	32.11 14	32.23 2	32.21 2	32.09 14	31.96 26
+73.41	#	Exp	1/4	26' Lt	31.98 26					
TP		22+20.63	Exp	St Top of cb.	32.78					
+50					31.93 26	32.06 14	32.24 2	32.16 2	32.10 14	32.01 26
+49.05	#	Exp	St	2' Lt.			32.22 2			
22+44.99	#	Exp	St	2' Rt				32.21 2		

CROSS SECTIONS MIDWAY BRIDGE CONTD

3-4-53

(56)

Sta	+	H.I	-	Elev.	Lt West	W Profile	E Profile	Rt East	E Gutter	
					1/4			1/4		
25+00					31.81 26	31.96 14	32.07 2	32.13 2	31.95 14	31.80 26
+75					31.91 26	31.99 14	32.06 2	32.14 2	32.04 14	31.92 26
+52.69	φ	Exp	St.	26' Lt	31.81 26					
+50					31.94 26	32.09 14	32.15 2	32.09 2	32.00 14	31.91 26
+28.33	φ	Exp	St.	2' Lt			32.22 2			
+25					31.90 26	32.07 14	32.22 2	32.22 2	32.11 14	31.98 26
+24.27	φ	Exp	St.	2' Rt				32.22 2		
24+00					31.97 26	32.09 14	32.24 2	32.19 2	32.14 14	32.02 26
23+99.41	φ	Exp	St.	26' Rt						32.02 26

CROSS SECTIONS MIDWAY BRIDGE CONTD.

3-4-53

(57)

Sta + H.I. - Elev.

L West & RT East

W. Gutter 1/4 W. Profile E. Profile 1/4 E. Gutter

+65.33 & EXP. ST. 2' LT.

31.41
2

+61.27 & EXP. ST. 3' RT.

31.43
2

+50

31.23
26

31.40
14

31.47
2

31.43
2

31.38
14

31.31
26

+36.91 & EXP. ST. 26' RT

31.34
26

+25

31.25
26

31.42
14

31.50
2

31.50
2

31.49
14

31.48
26

26+00

31.32
26

31.45
14

31.61
2

31.56
2

31.52
14

31.48
26

TP. TOP WEST CURB

32.38

+75

31.43
26

31.61
14

31.83
2

31.67
2

31.55
14

31.48
26

+50

31.65
26

31.76
14

31.82
2

31.73
2

31.67
14

31.59
26

25+25

31.76
26

31.89
14

31.95
2

31.97
2

31.84
14

31.64
26

CROSS SECTIONS MIDWAY BRIDGE CONTD

3-4-53

Sta	+	H.I	-	ELEV	H West	±	Rt East			
					W.Gutter	1/4	W.Profile	E.Profile	1/4	E.Gutter
+50					29.42 26	29.65 14	29.78 2	29.77 2	29.70 14	29.65 26
+25					29.72 26	29.94 14	30.11 2	29.95 2	29.93 14	29.92 26
28+00					30.08 26	30.22 14	30.44 2	30.25 2	30.22 14	30.15 26
+75					30.49 26	30.51 14	30.59 2	30.58 2	30.51 14	30.43 26
			No 10							
			TR Top East Curb over Pier	30.575						
+50					30.75 26	30.78 14	30.79 2	30.80 2	30.70 14	30.56 26
+25					30.97 26	31.01 14	31.05 2	31.05 2	30.91 14	30.80 26
27+00					31.10 26	31.10 14	31.11 2	31.27 2	31.10 14	30.91 26
+89.69			± Exp 1/4 26' 1/4		31.04 26					
26+75					31.14 26	31.29 14	31.32 2	31.36 2	31.24 14	31.14 26

3-4-53

CROSS SECTIONS MIDWAY BRIDGE CONTD.

Sta	H.I.	Elev.
B.M.		10.72 ^{See Pg. 50} ~ 10.72
T.P.		12.39
T.P.		19.72
T.B.M.		26.48 ~ 26.47 ^{See Pg. 50}
T.P.		31.23
T.B.M.		32.78 ~ 32.78 ^{See Pg. 55}
T.P.		32.33
B.M.		26.25

Lt. West & Rt. East
 1/4 W. Gutter 1/4 W. Profile E. Profile 1/4 E. Gutter

Top 1" I.P.S.W. Cor Prot. Bay Boat Works

Conc. Culi. Hdwn
 ELEV. 12.26
 B.M. (Sisson) Brass Plug in R₂ Line 38+00
 27.04 5-29-51 FB 64²⁸ Apparently Settled

Top 6" Conc. Non & W. Walk @ N. Abut.

30+98 Match Line for New Approach

+75

+50

24.18 26	24.33 14	24.43 2	24.39 2	24.33 14	24.30 26
24.80 26	24.95 14	24.98 2	25.00 2	24.94 14	24.88 26
25.50 26	25.60 14	25.66 2	25.65 2	25.52 14	25.46 26

30+25.69 Top Conc. Slab 26' Lt.

26.82 26.04
 26 26
 26. 64

SECTIONS SHOWING SETTLEMENT

3-4-53

(62)

AT S. APPROACH MIDWAY BRIDGE

Lt. West

±

Rt. East

Sta + H.I. - Elev.

16+90.33 Med Strip Match on West

27.33 27.84

2 2

16+86.27 Med. Strip Match on East

Gut Cb 27.78 27.25

2 2

Cb Gut

16+81 Med Curb Broken on East

26.94 27.37 27.41 27.07

2 2 2 2

Gut Cb Cb Gut

16+77 Med Curb Broken on West

26.73 27.19 27.25 26.82

2 2 2 2

Gut Top Cb Top Cb Gut

16+68 Med. Strip Joint Sec. [From Here

Should be Replaced To Abut. Joint

26.44 26.91 26.94 26.52

2 2 2 2

Gut Top Cb Top Cb Gut Cb

16+61.91 = Abut. Joint - see sketch. Match line

26.49 27.25

26 26

16+55.50 Broken Curb

26.23 26.77

26 26

Gut Curb

16+47.66 Sunken Cb. Sec.

25.84 26.46

26 26

Gut Curb

16+40 Broken Curb

25.50 26.26

26 26

Gut Top Cb

16+28 Pt. Where E. Curb Should Be Replaced

→ N. To Abut. Joint.

24.90 25.61

26 26

Gut Top Cb

B.M.

26.47

SETTLEMENT CROSS SECTIONS

3-4-53

(63)

MIDWAY BRIDGE CONT'D.

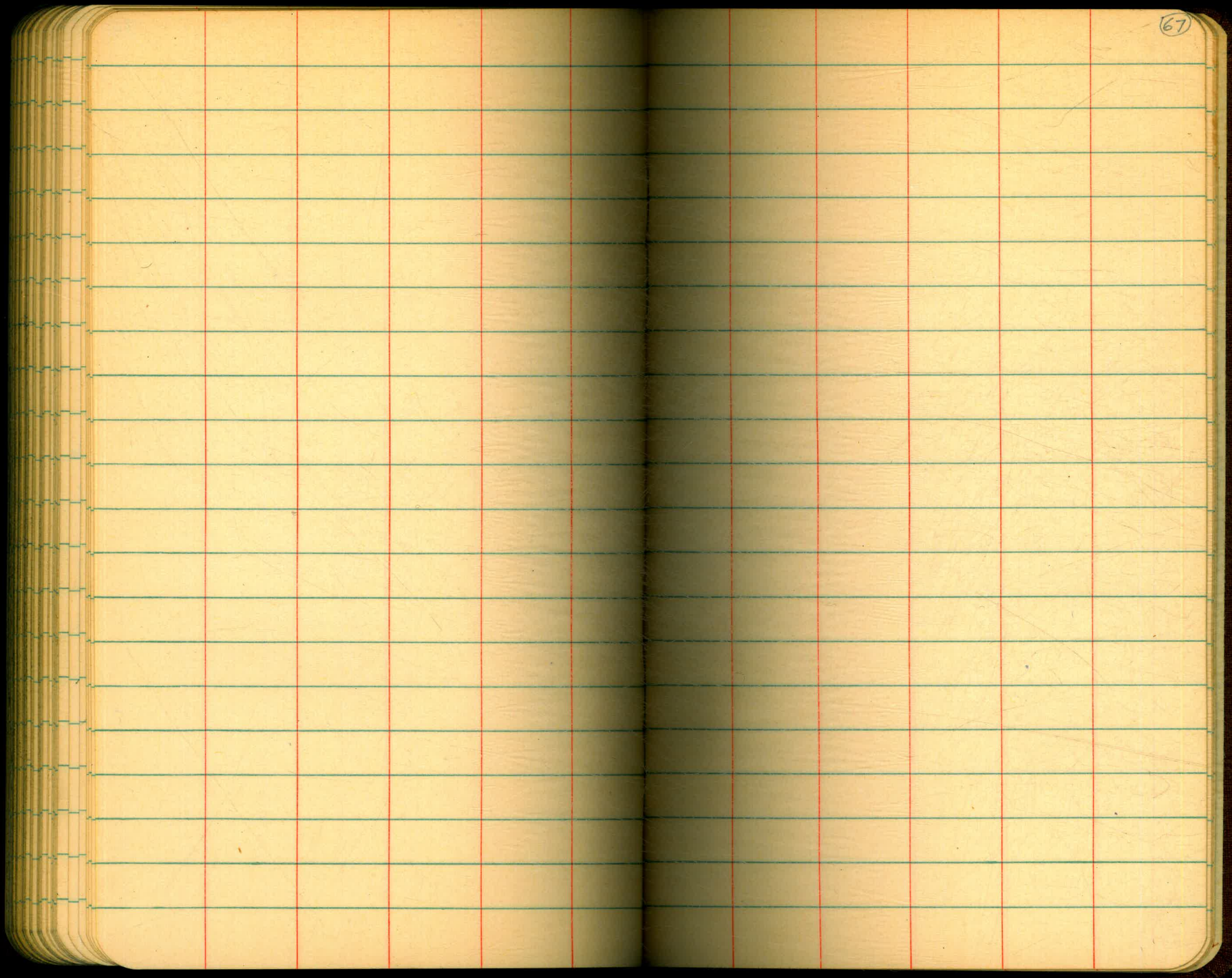
Sta + H.I - Elev.

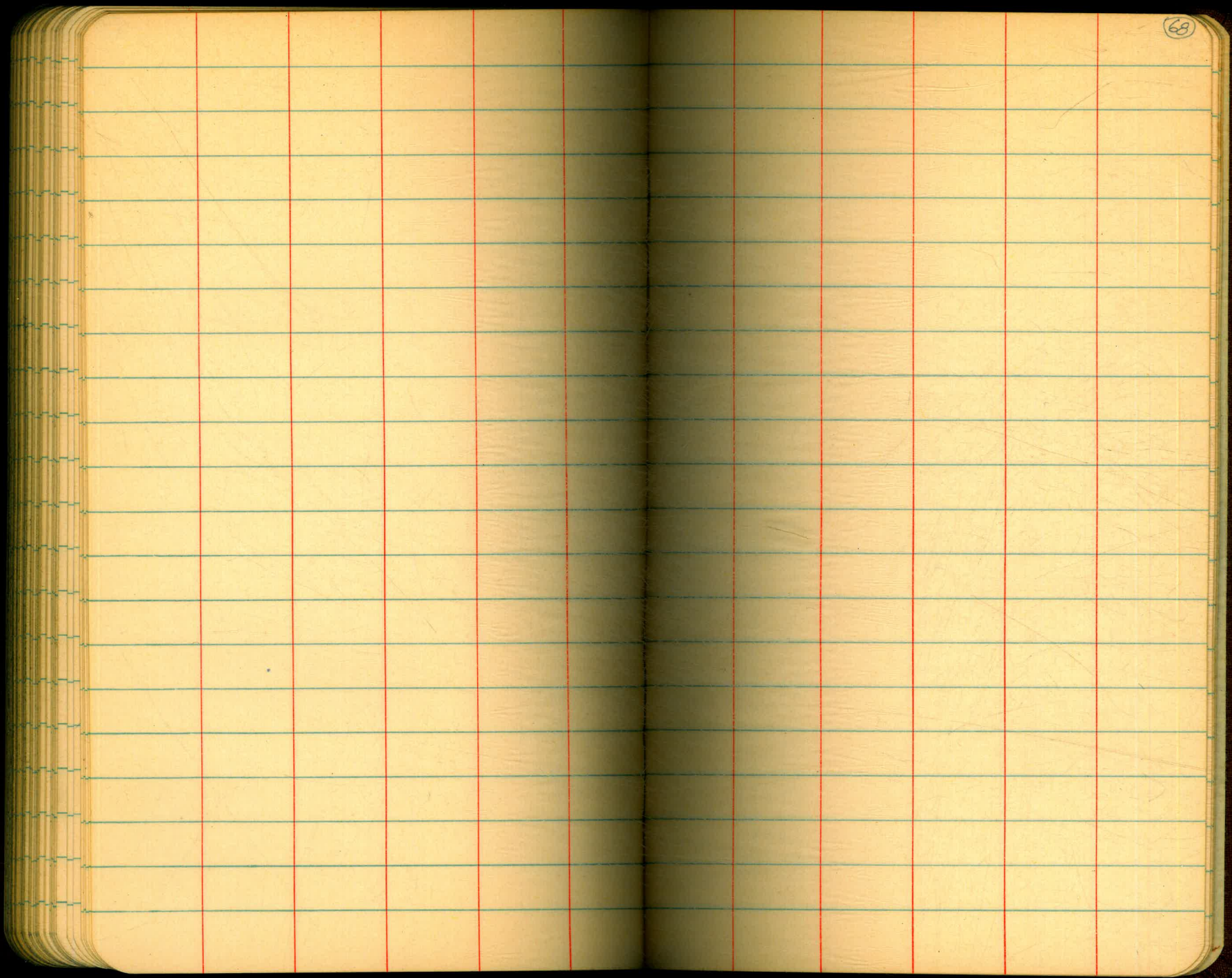
	Over Abut. B. Wall.		
17+14.69	Sec. 00 W. Curb Match line	27.66	28.41
		26	26
		Gut	Top Cb.
17+06	Sunken Curb Section	27.29	27.72
		26	26
		Gut	Cb.
	From here		
16+88	Curb should be raised To Abut. B. wall. West Curb Joint Match Line	26.90	27.53
		26	26
		Gut	

The image shows an open notebook with two facing pages. The pages are cream-colored and feature light blue horizontal ruling. Each page has two vertical red margin lines, one on each side of the central gutter. The notebook is bound in a dark, possibly black, cover that is visible at the edges. The pages are blank, with no writing or markings. The number '64' is handwritten in the top right corner of the right page. The notebook is set against a solid black background.

The image shows an open notebook with two facing pages. Both pages are cream-colored and feature horizontal green lines for writing. Each page also has two vertical red lines that create a central column and two side margins. The notebook is bound in the center, and the left edge shows the stacked pages of the book. In the top right corner of the right-hand page, the number '65' is handwritten in a small circle.

The image shows an open notebook with two facing pages. The pages are cream-colored and feature light blue horizontal ruling. Each page has two vertical red margin lines, one on each side of the central gutter. The notebook has rounded corners and a dark cover is visible around the edges. The pages are blank, with no writing or markings. A small number '66' is written in the top right corner of the right page.

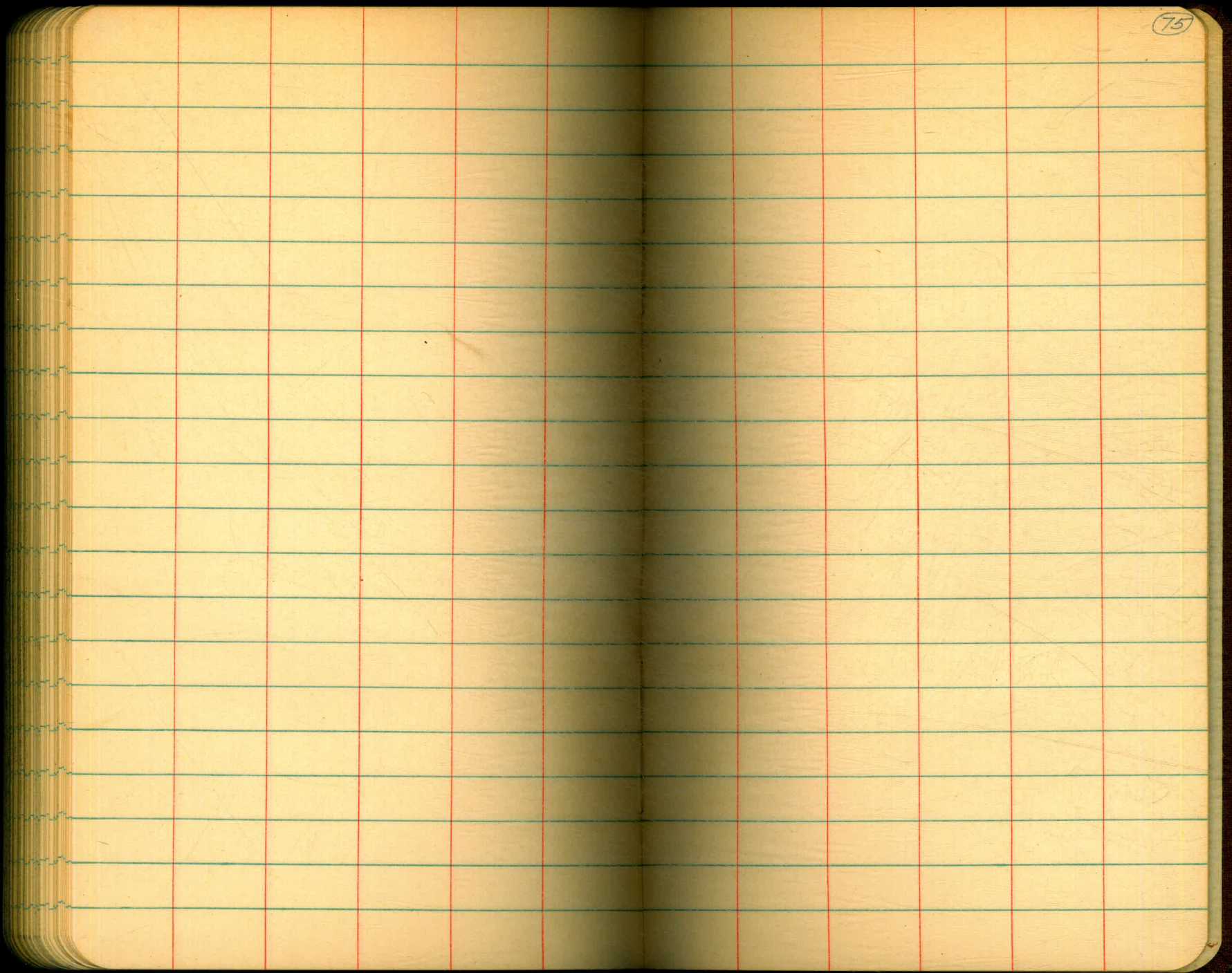




The image shows an open notebook with two facing pages. The pages are cream-colored and feature light blue horizontal ruling. Each page is divided into two columns by two vertical red margin lines. The notebook is bound in the center, and the dark cover is visible at the edges. The pages are blank, with no writing or markings other than a small circled number '70' in the top right corner of the right page.

The image shows an open notebook with two facing pages. The pages are cream-colored and feature green horizontal ruling lines. Red vertical lines are drawn to create margins on both pages. The right page has the number '73' written in the top right corner. The notebook is bound on the left side, and the pages appear slightly aged or used.

The image shows an open notebook with two facing pages. The pages are cream-colored and feature horizontal light blue lines for writing. Vertical red lines are drawn to create margins on both sides of the central gutter. The notebook is bound in a dark, possibly black or dark brown, cover that is visible at the edges. The pages are otherwise blank, with no handwriting or printed text. A small, circled number '74' is visible in the top right corner of the right-hand page.



BENCHES

SUNSET BLVD. BRIDGE

LOCATION	ELEV.	
		20.123
PIER NO 2 LEAD PLUG WEST END	19.482	21.00
		90
PIER NO 3 LEAD PLUG WEST END	20.465	<u>20.100</u>
PIER NO 4 " " " "	21.057	
PIER NO 5 " " " "	21.445	10.1/2
PIER NO 6 " " " "	21.507	
PIER NO 7 " " " "	21.277	
PIER NO 8 " " " "	20.795	
PIER NO 9 " " " "	19.951	
PIER NO 10 " " " "	18.808	32.73
		188.1
	20.100	13.92
N. ABUT W. END SEAT LEVEL	20.139	138.7
	745	.05
N. ABUT N.E. TOP WEST W. WALL	26.713	26.745 Mary checked
		33.656
		20.465
		13.191

Morry Steiman

B

7

z

c

a

$\frac{c^2}{2}$

2

B)

,

-B)

y the

9.4 ft.

10' =

slope

h the

ollow-

= .0041.

e dist-

-14 ft.

3 ft.

. S. A.

28.722
7.795

20.927
795

.132

28.790

28.722
7.95

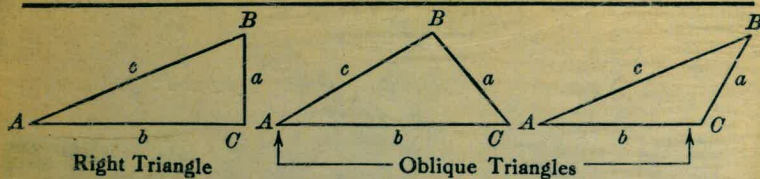
20.772

15.48 Light Standard

Sunset Cliff

202038

TRIGONOMETRIC FORMULÆ



Solution of Right Triangles

For Angle A. $\sin = \frac{a}{c}$, $\cos = \frac{b}{c}$, $\tan = \frac{a}{b}$, $\cot = \frac{b}{a}$, $\sec = \frac{c}{a}$, $\text{cosec} = \frac{c}{a}$

Given	Required	Formulas
a, b	A, B, c	$\tan A = \frac{a}{b} = \cot B$, $c = \sqrt{a^2 + b^2} = a \sqrt{1 + \frac{b^2}{a^2}}$
a, c	A, B, b	$\sin A = \frac{a}{c} = \cos B$, $b = \sqrt{(c+a)(c-a)} = c \sqrt{1 - \frac{a^2}{c^2}}$
A, a	B, b, c	$B = 90^\circ - A$, $b = a \cot A$, $c = \frac{a}{\sin A}$
A, b	B, a, c	$B = 90^\circ - A$, $a = b \tan A$, $c = \frac{b}{\cos A}$
A, c	B, a, b	$B = 90^\circ - A$, $a = c \sin A$, $b = c \cos A$

Solution of Oblique Triangles

Given A, B, a	Required b, c, C	$b = \frac{a \sin B}{\sin A}$, $C = 180^\circ - (A + B)$, $c = \frac{a \sin C}{\sin A}$
A, a, b	B, c, C	$\sin B = \frac{b \sin A}{a}$, $C = 180^\circ - (A + B)$, $c = \frac{a \sin C}{\sin A}$
a, b, C	A, B, c	$A + B = 180^\circ - C$, $\tan \frac{1}{2}(A - B) = \frac{(a - b) \tan \frac{1}{2}(A + B)}{a + b}$, $c = \frac{a \sin C}{\sin A}$
a, b, c	A, B, C	$s = \frac{a + b + c}{2}$, $\sin \frac{1}{2}A = \sqrt{\frac{(s - b)(s - c)}{bc}}$, $\sin \frac{1}{2}B = \sqrt{\frac{(s - a)(s - c)}{ac}}$, $C = 180^\circ - (A + B)$
a, b, c	Area	$s = \frac{a + b + c}{2}$, $\text{area} = \sqrt{s(s - a)(s - b)(s - c)}$
A, b, c	Area	$\text{area} = \frac{bc \sin A}{2}$
A, B, C, a	Area	$\text{area} = \frac{a^2 \sin B \sin C}{2 \sin A}$

REDUCTION TO HORIZONTAL



Horizontal distance = Slope distance multiplied by the cosine of the vertical angle. Thus: slope distance = 319.4 ft. Vert. angle = $5^\circ 10'$. From Table, Page IX. $\cos 5^\circ 10' = .9959$. Horizontal distance = $319.4 \times .9959 = 318.09$ ft. Horizontal distance also = Slope distance minus slope distance times (1 - cosine of vertical angle). With the same figures as in the preceding example, the following result is obtained. $\cos 5^\circ 10' = .9959$. $1 - .9959 = .0041$. $319.4 \times .0041 = 1.31$. $319.4 - 1.31 = 318.09$ ft.

When the rise is known, the horizontal distance is approximately: - the slope distance less the square of the rise divided by twice the slope distance. Thus: rise = 14 ft. slope distance = 302.6 ft. Horizontal distance = $302.6 - \frac{14 \times 14}{2 \times 302.6} = 302.6 - 0.32 = 302.28$ ft.