

THE A T & S F R Y SYSTEM

COAST LINES

LOS ANGELES DIVISION

BRIDGE LIST.

LOS ANGELES, CALIF.

Revised to December 31, 1954

L. H. POWELL,
CHIEF ENGINEER.

C.E.C.L. 199-14759.

C. E. Killian

LOS ANGELES DIVISION. BRIDGE LIST FIRST DISTRICT

BRIDGE NO.	M. P.	CTR.	SPANS			TOTAL	YEAR	KIND OF STRUCTURE		
			ORIG.	OLD	NEW				PLUG	HT.
								BARSTOW		
	A-2	1.1	0.00 433	13.0			81.2	1936	6'x5' Rein. Conc. Box 10" Pipe thru Br.	34.4 R. -14.1 46.8 L. -11.8
	B-2	1.3	1740	15.4			87.0	1936	8'x5' Rein. Conc. Box	37.0 R. -16.2 50.0 L. -14.6
3	C-2	1.6	3299	11.4	1		32.4	1899	I-Bm. B.D. on Conc. 10-24" I-Bm.	W.B.
				11.4	1		32.4	1910	" " " 8-24" I-Bm.	E. B. Pvt. Rd. Xing
				11.4	2		32.9		B.D. Stgr. Chd. Ends Conc. Ctr. Pile	E. & W.B. Aux.
4	D-2	2.0	5252	17.3			66.0	1903	14'x1' Conc. Arch Hdws.	W.B. 35.2 R. -19.4 30.8 L. -15.3
								1910	" " " Pvt. Rd. Under	E. B.
5	A-3	2.3	1677	12.5	1	24.0	25.0	1910	I-Bm. B.D. on Conc. 6-24" I-Bm. Each Trk. 8-24" I-Bm. S.W. & H.R. W.B. Aux. Trk:	W.B. & E. B.
7	C-3	2.7	3703	10.0	1	24.0	25.0	1910	I-Bm. B.D. on Conc. 6-24" I-Bm. Each Trk. S.W. & H.R. both sides	W.B. & E. B.
	AA-4	3.2	861	17.5			66.9	1920	2-48" Ov. Conc. Pipes Conc. Hdws.	30.0 R. -19.4 37.2 L. -15.5
	A-4	3.3	1556	13.4			49.5	1910	10'x0.25' Conc. Arch 4" Pipe thru Br. Hdws.	18.1 R. -13.7 32.0 L. -13.0
	B-4	3.7	3611	11.4	2	22.0	45.0	1910	I-Bm. B.D. on Conc. 6-24" I-Bm. Each Trk.	Pvt. Rd. Under
	A-5	4.2	916	20.2			65.5	1910	6'x3' Conc. Arch	27.3 R. -20.9 39.2 L. -19.4
	B-5	4.3	1401	21.2			73.6	1910	6'x1.5' Conc. Arch Hdws.	30.0 R. -21.6 44.6 L. -20.7
	C-5	4.9	4970	11.5			55.2	1910	10'x0.25' Conc. Arch Coping Hdws.	13.8 R. -11.6 41.7 L. -11.3
	A-6	5.1	679	8.6	3	9.0	28.6	1910	B.D. T-R. on Conc. 22-85* Rl. Each Trk. 3 Trks. 0°52' Cv. L.	

DRAINAGE AREA SQ. MI.	LOS ANGELES DIVISION. BRIDGE LIST FIRST DISTRICT										
	BRIDGE NO.			M. P. PLUS	CTR. HT.	SPANS			TOTAL LGH	YEAR ERECT	KIND OF STRUCTURE
	ORIG.	OLD	NEW			NO	LGH	TOT'L			
1.05	LEN WOOD										
	14	A-7	7.0	62 5116	8.3	1	24.0	27.5	1903	I-Bm. B.D. on Conc. 6-24" I-Bm. Each Trk.	E.B.
						1	24.0	24.6	1910	" " " "	W.B.
	15	A-9	8.2	904	14.3 13.9			34.0	1899 1910	13.9' x 1' Conc. Arch 4" Coping Hdws. Pvt. Rd under " " " " ARMCO Multi-plate Lining	E.B. 11.2 R. -14.7 W.B. 23.3 L. -13.5
		B-9	8.9	5011	10.0	3	14.0	42.0	1944	B.D.P.T.	
		A-11	10.1	310	13.5			34.5	1899 1910	12' x 1.25' Conc. Arch 4" Coping	E.B. 10.75 R. -13.7 W.B. 24.4 L. -13.2
0.37		B-11	10.9	4961	7.3	4	28.0	113.3	1899 1910	I-Bm. B.D. on Conc. 8-24" I-Bm. S.W. & H.Rs. " " " " " " 90" Gd. Ris.	E.B. W.B.
		A-12	11.3	1742	11.5 6.0	1	24.0	48.5 24.4	1937	2-48" Ov. Conc. Pipe Conc. Hdws. I-Bm. O.D. on Conc. 6-24" I-Bm.	M. Trks. 18.7 R. -11.6 E.B.P.T. 30.3 L. -11.3
HODGE											
0.07	19 1/4	A-13	12.3	1604	5.2	2	9.5	19.5	1924	B.D.T-R. on Conc. 23-85" T-R.	P.T. & W.B.
					5.2	2	9.5	19.5	1912	" " " " 18- " "	E.B.
0.09	19 1/2	B-13	12.5	2762				57.9	1911 1924	2-24" Conc. Pipe 24' Rnd. 32' Ov. Conc. Hdws.	29.5 R. -7.2 28.4 L. -5.0
0.10	20	C-13	13.0	5018	7.8			70.2	1911 1924	2-30" Conc. Pipe 21.7' Rnd. 48.5' Ov. Conc. Hdws.	32.4 R. -9.6 37.8 L. -7.0
									1899 1924	24" Brea Pipe Conc. Hdws. 24" Ov. Conc. Pipe	E.B. 15.9 R. W.B.
		AA-15	14.0	009	4.9	3	9.0	28.5	1928	B.D.T-R. on Conc. 21-90" T-R. Each Trk. Conc. Apron	

DRAINAGE AREA SQ. MI.	LOS ANGELES DIVISION. BRIDGE LIST FIRST DISTRICT											
	BRIDGE NO.			M. P.	CTR.	SPANS			TOTAL	YEAR	KIND OF STRUCTURE	
	ORIG.	OLD	NEW	PLUS	HT.	NO	LGH	TOT'L	LGH	ERECT		
0.91	22	A-15	14.3	1605	13.6 14.0	3 3	14.0 14.0		42.1 41.5	1911 1924	B.D.P.T. Pvt. Rd. under " " " " " "	E.B. W.B.
	25	A-16	15.2	1282	12.4 12.8	1	42.0		42.8 42.4	1899 1924	32 1/2" Class "B" Girder on Conc. B.D. 4 Bm. 57" " " " " " 2 Bm.	E.B. W.B.
0.11		B-16	15.7	3754	10.4				50.5	1917 1924	48" R.C. Pipe Rnd. Conc. Hdws. " " Ov. Conc. Spillway	E.B. 19.6 R. - 11.7 W.B. 30.9 L. - 9.1
	27	A-17	16.4	2324	20.5				42.7	1899 1924	20' x 0.5' Conc. Arch 3" Coping " " " Pvt. Rd. under	E.B. 16.45 R. - 21.4 W.B. 26.85 L. - 19.6
		A-18	17.4	2285	10.3				48.3	1899 1924	2-24" Brea Pipe Conc. Hdws. 2-24" Ov. Conc. Pipe	W.B. 18.0 R. - 11.6 E.B. 30.3 L. - 9.1
		A-19	18.4	2004	9.2				44.8	1899 1924	2-24" Brea Pipe Conc. Hdws. 2-24" Ov. Conc. Pipe	W.B. 15.9 R. - 10.5 E.B. 28.9 L. - 7.9
		B-19	18.5	2890	18.0				90.0	1899 1924	2-24" Conc. Pipe 41.7' Rnd. 48' Ov. Conc. Hdw. L.	52.0 R. - 20.3 37.7 L. - 16.5
		C-19	18.7	3834	7.1				40.1	1936	36" Ov. Conc. Pipe Conc. Hdws.	15.5 R. - 7.8 24.6 L. - 6.5
		E-19	18.9	4941	7.2				40.2	1936	36" Ov. Conc. Pipe Conc. Hdws.	13.7 R. - 8.3 26.5 L. - 6.1
.16		A-20	19.6	3017	27.2				89.2	1936	2-8' x 6' Rein. Conc. Box	41.3 R. - 30.2 47.9 L. - 24.1
.035		AA-20	19.8	4308	12.3				48.3	1937	48" Ov. Conc. Pipe Conc. Hdws.	23.5 R. - 16.2 24.9 L. - 8.4

DRAINAGE AREA SQ. MI.	LOS ANGELES DIVISION. BRIDGE LIST FIRST DISTRICT										
	BRIDGE NO.			M.P.	CTR. HT.	SPANS			TOTAL LGH	YEAR ERECT	KIND OF STRUCTURE
	ORIG.	OLD	NEW	PLUS		NO	LGH	TOT'L			
0.49		A-21	20.2	1210	15.5				56.4	1937	
0.475	39	B-21	20.6	3012	8.2 9.0	1 1	7.0 7.5		7.1 8.0	1907 1924	B. D. T-R. on Conc. 18-61* T-R. W.B. " " " 22-90* T-R. S.W. & H.R. E.B. & P.T.
			21.1								HELENDALE
1.10		A-22	21.2	1114	7.0				80.7	1921 1924	2-36" Ov. Conc. Pipe Conc. Hdws. 5 Trks. 35.7 R. - 7.7 45.0 L. - 6.4
1.56	42	A-23	22.8	4035	8.5 8.9	1 1	26.0 26.0		27.0	1912 1924	I-Bm. B. D. on Conc. 6-24" I-Bm. E.B. " " " 8-24" I-Bm. W.B.
1.90	43	A-24	23.3	1392	9.6 10.4	1 1	26.0 26.0		27.0	1912 1924	I-Bm. B. D. on Conc. 6-24" I-Bm. E.B. " " " 8-24" I-Bm. W.B.
1.50	44	B-24	23.8	4370	8.3 8.5	1 1	20.0 20.0		21.0	1912 1924	I-Bm. B. D. on Conc. 6-24" I-Bm. E.B. " " " " " W.B.
1.40	45	A-25	24.4	2286	12.9 13.2	1 1	24.0 24.0		24.5	1903 1924	I-Bm. B. D. on Conc. 6-24" I-Bm. Cnty. Rd. under E.B. " " " 8-24" I-Bm. W.B.
1.30		A-26	25.0	0154	7.4				40.5	1921 1924	2-36" Ov. Conc. Pipe Conc. Hdws. 6" Pipe thru Br. 14.5 R. - 7.8 26.0 L. - 7.2
			26.1								BRYMAN
	51	A-27	26.4	1954	7.2 8.0	2 2	10.0 9.75		20.0 19.5	1914 1924	B. D. T-R. on Conc. 24-85* T-R. S.W. & H.Rs. E.B. " " " 23-90* T-R. W.B.

LOS ANGELES DIVISION. BRIDGE LIST FIRST DISTRICT

BRIDGE NO.			M. R PLUS	CTR. HT.	SPANS			TOTAL LGH	YEAR ERECT	KIND OF STRUCTURE	
ORIG.	OLD	NEW			NO	LGH	TOT'L				
	52	B-27	26.7	3463				57.0	1899 1924	3-12'x2' Conc. Arch 3" Coping Hdws.	31.65 R. -11.8 25.5 L. -10.0
	53	A-28	27.5	2588	12.2	1	26.0 26.0	26.5	1899 1924	I-Bm. B. D. on Conc. 6-24" I-Bm. " " " 10-24" I-Bm.	E. B. W. B.
	54	B-28	27.8	4058	8.5 9.5	1 1	42.0 42.0	43.0	1899 1924	33" Class "B" Girder on Conc. B. D. 4 Bm. " " " " " "	E. B. W. B.
		A-29	28.3	1660	15.7			53.0	1924	10'x6' Rein. Conc. Box Conc. Hdws.	19.8 R. -15.9 33.3 L. -15.5
		B-29	28.9	4858				70.0	1925	24" Steel Riv. Dipped Syphon	
	57	A-30	29.1	0501	9.8	1	24.0	24.9	1924	I-Bm. B. D. on Conc. 6-24" I-Bm. Each Trk.	
		B-30	29.2	0928	10.7			55.7	1924	24" Ov. Conc. Pipe Conc. Hdws.	21.0 R. -11.0 34.7 L. -10.4
		C-30	29.6	3068	11.6			56.5	1924	24" Ov. Conc. Pipe Conc. Hdws.	22.6 R. -11.8 33.9 L. -11.4
	58	D-30	29.7	3744	13.0	1	24.0	24.3	1924	I-Bm. B. D. on Conc. 6-24" I-Bm. Each Trk.	
		E-30	29.9	4615	10.6			53.9	1924	24" Ov. Conc. Pipe Conc. Hdws.	18.1 R. -10.8 35.8 L. -10.4
		B-31	30.3	1681	8.0 W.B. 7.2 E.B.	2	24.0	48.75	1924	I-Bm. B. D. on Conc.	
		C-31	30.4	2261	21.6			84.1	1924	42" Ov. Conc. Pipe Conc. Hdws.	35.3 R. -21.6 50.0 L. -21.6

AREA SQ. MI.	LOS ANGELES DIVISION. BRIDGE LIST FIRST DISTRICT										
	BRIDGE NO.			M. P.	CTR.	SPANS			TOTAL	YEAR	KIND OF STRUCTURE
	ORIG.	OLD	NEW	PLUS	HT.	NO	LGH	TOT'L	LGH	ERECT	
		D-31	30.6	3336	23.7				96.6	1924	42" Ov. Conc. Pipe Conc. Hdws. 40.4 R. - 23.5 56.2 L. - 24.0
		E-31	30.7	3478	20.0	1	40.0		42.0	1924	33" Class "BB" Dk. Girder on Conc. 4 Gird. Each Trk. 45° Skew Conc. Dk. S.W. & H.Rs. Hwy. under
	63	B-32	31.3	1733	13.1 11.9	1 1	20.0 20.0		20.25	1909 1924	I-Bm. B.D. on Conc. 6-24" I-Bm. Each Trk. M.Trks. " " " S.W. & H.Rs. Hwy. under E.B. & W.B.P.Trks.
			31.5						ORO GRANDE		
		65	A-33	32.4	1898	15.1			73.9	1924	2-6'x4' Rein. Conc. Box 23.9 R. - 15.3 50.0 L. - 14.8
0.17		B-33	32.6	3030	7.4				42.5	1924	2-42" Ov. Conc. Pipe Conc. Hdws. 14.4 R. - 7.4 28.1 L. - 7.5
0.14		C-33	32.8	4038	7.7				40.0	1924	2-48" Ov. Conc. Pipe Conc. Hdws. 13.6 R. 27.0 L.
0.005		D-33	32.9	4933	7.5				40.0	1924	24" Ov. Conc. Pipe Conc. Hdws. 14.8 R. 23.9 L.
0.22		A-34	33.2	1072	10.3				48.0	1924	2-48" Ov. Conc. Pipe Conc. Hdws. 17.9 R. - 11.2 30.5 L. - 10.5
0.09		B-34	33.5	2557	13.0				56.0	1924	48" Ov. Conc. Pipe Conc. Hdw. So. 62" Id T-R. No. Conc. Splwy. 23.2 R. - 14.1 32.8 L. - 12.0
		BA-34	33.6	3067	10.6				65.8	1926 1939	24" Ov. Conc. Pipe 47.8' 36" Corr. I.P. 18' Conc. Hdw. So. 32.4 R. - 12.6 33.0 L. - 8.7

DRAINAGE AREA SQ. MI.	LOS ANGELES DIVISION. BRIDGE LIST FIRST DISTRICT										
	BRIDGE NO.			M. P. PLUS	CTR. HT.	SPANS			TOTAL LGH	YEAR ERECT	KIND OF STRUCTURE
	ORIG.	OLD	NEW			NO	LGH	TOT'L			
0.007		C-34	33.7	3701	7.9				41.2	1932	48" Ov. Conc. Pipe 16' 48" C.I. Pipe 25' So. Conc. Hdws. 15.6 R. - 8.5 25.4 L. - 7.3
0.074		D-34	33.9	4688	9.1				48.3	1932	48" Ov. Conc. Pipe Conc. Hdws. 18.4 R. - 10.3 29.9 L. - 7.5
0.11		E-34	34.0	5074	7.9				61.1	1932	48" Ov. Conc. Pipe Conc. Hdw. So. 23.1 R. - 9.8 38.0 L. - 7.9
	71	A-35	34.1	0595 0579	36.5 36.5	1	166.4 202.3		166.4 204.2	1914 1924	Thru Pin Conn. Truss B.D. on Stone 90° Gd. RI. both W.B. Mojave R. Thru Riv. Conn. Truss B.D. on Conc. S.W. & H.R. E.B.
		AA-35	34.68	3616	8.2				46.9	1919 1924	24" Ov. Conc. Pipe 32' Conc. Hdws. E.B. 15.4 R. - 8.2 " " " " 16' W.B. 31.0 L. - 8.2
1.33	72	B-35	34.69	3643	12.3	1	24.0		24.4	1903 1924	I-Bm. B.D. on Conc. 6-24" I-Bm. E.B. " " " " 8-24" I-Bm. W.B.
0.49	73	C-35	34.9	4662	6.3	1	24.0		24.5	1903 1924	I-Bm. B.D. on Conc. 6-24" I-Bm. S.W. & H.R. E.B. " " " " 8-24" I-Bm. W.B.
		AA-36	35.1	0599					75.5	1924	24" Armco Pipe Syphon 59.4' Skewed 47° 52' N.E. E.B., P.T., Trk. #4 36" Ov. Conc. Pipe 16' W.B.
		A-36	35.4	2287	4.4				71.1	1911 1924	2-24" x 20" Wood Box 21.5' Unfr. E.B. 2-24" x 18" " " 36' Creo. W.B., E.B.P.T., Trk. #16
					7.0	1	64.0		64.5	1924	Class "DD" Thru Girder B.D. on Conc. M.Trks.
	74	C-36	35.7	3823	8.4	4	14.0		56.1	1924	O.D.P.T. 4 Ply Chd. S.W. & H.R. 14" Pipe under W.B.P.T.
					7.4	4	14.0		55.8	1945	O.D.P.T. " " " " " E.B.P.T.
7.66	75	A-37	36.2	1273	9.5				72.6	1924	2-36" Ov. Conc. Pipe Conc. Hdws. On 3° 50' Cv. 4 Trks. 2" Pipe thru Br. 44.8 L. - 10.0 27.8 R. - 9.0

4-PLY CHORDS (Except as noted)

DRAINAGE AREA SQ. MI.	LOS ANGELES DIVISION. BRIDGE LIST FIRST DISTRICT										
	BRIDGE NO.			M. P.	CTR. HT.	SPANS			TOTAL	YEAR	KIND OF STRUCTURE
	ORIG.	OLD	NEW	PLUG		NO	LGH	TOT'L	LGH	ERECT	
		B-41	40.5	2617	5.9				62.6	1915 1924	30" Ov. Conc. Pipe Conc. Hdws. 3 Trks. E.B. 45.8 R. - 5.8 W.B. 16.8 L. - 6.0
		41.1									THORN
		A-43	42.8	4173	6.2 6.4				43.2	1915 1924	30" Conc. Pipe Conc. Hdws. E.B. 27.7 R. - 6.8 W.B. 15.5 L. - 5.4
0.85		A-44	43.5	2438	E.B. 13.0 W.B. 12.7				40.1	1932	8'x8' Rein. Conc. Box Conc. Hdws. 26.9 R. - 12.5 13.2 L. - 13.1
7.34		B-44	43.9	4837	E.B. 11.7 W.B. 12.0				35.1	1932	10'x8' Rein. Conc. Box Conc. Hdws. 24.8 R. - 11.7 11.0 L. - 12.2
1.92		0A-45	44.5	2763		4	9.0		37.2	1932 1943	B.D.T-R. 90" T-R. 22-E.B. 21-W.B.& E.B.P.T. E.B., W.B., E.B.P.T. " " 14-110" T-R. S.W.& H.Rs. W.B.P.T.
11.00		A-45	44.6	3031	7.5 7.4				72.5	1920 1924	48" Ov. Conc. Pipe Conc. Hdws. 4 Trks. E.B. 42.1 R. - 6.1 W.B. 30.4 L. - 8.4
		45.1									HESPERIA
1.40	B-46	A-46	45.2	1212	7.5				42.5	1920	2-42" Ov. Conc. Pipe Conc. Hdws. 2 Trks.
1.00		A-47	46.2	0970	7.9				40.5	1920 1924	48" Ov. Conc. Pipe Conc. Hdws. E.B. W.B.
1.09		A-48	47.6	3408	12.0				56.0	1924	30" Ov. Conc. Pipe Conc. Hdws. 2 Trks.
1.11		B-48	47.9	4595	8.3				48.0	1924	30" Ov. Conc. Pipe Conc. Hdws. 2 Trks.
		A-50	49.2	1142	14.6				62.5 69.4	1944	2'x2' Creo. Wood Box

LEFT HAND RUNNING

LOS ANGELES DIVISION. BRIDGE LIST FIRST DISTRICT

BRIDGE NO.			M. P. PLUS	CTR. HT.	SPANS			TOTAL LGH	YEAR ERECT	KIND OF STRUCTURE
ORIG.	OLD	NEW			NO	LGH	TOT'L			
	B-50	49.6	3251	4.8				$\frac{37.2}{44.0}$	1943	2'x2' Creo. Wood Box
		50.2						LUGO		
	A-51	50.2	1213	8.1				$\frac{76.7}{83.0}$	1943	2'x2' Creo. Wood Box 4 Trks.
	B-51	50.5	2637	8.3				68.0	1943	4'x4' Creo. Wood Box 3 Trks.
	C-51	50.6	3321	8.3				75.5	1943	4'x3' Creo. Wood Box 3 Trks.
	D-51	50.7	3729	8.7				57.2	1943	3'x2' Creo. Wood Box
	0A-52	51.4	1865	8.8				55.3	1943	3'x2' Creo. Wood Box
	0B-52	51.6	3032	9.0				56.0	1943	3'x2' Creo. Wood Box
0.25	AA-52	52.0	5092	12.9				52.0	1918 1924	6'x6' Rein. Conc. Box 38' " " " " 14' W.B. E.B.
	85	A-54	53.8	4368	8.3			37.5	1899 1924	9.5'x0.25' Conc. Arch " " " " E.B. W.B.
0052		A-55	54.5	2739	8.0			129.5	1928	24" Ov. Conc. Pipe 49.5' Skewed Ext. L. 24"x80' Corr. l. Pipe Conc. Hdws. on Conc. Pipe
	87	B-55	54.7	3804	39.0			139.0	1898 1924 1943	4'x2' Conc. Arch 106.6' " " " 16' 48" Ov. Conc. Pipe 16' E.B. W.B.
		C-55	54.8	4487	7.3			57.4	1911 1924 1943	18" Conc. Pipe 25' Conc. Hdw. 18" Ov. Conc. Pipe 16' Conc. Hdw. 24" Ov. Conc. Pipe 16.4' E.B. W.B. P.T.

LEFT HAND RUNNING

LOS ANGELES DIVISION. BRIDGE LIST FIRST DISTRICT

BRIDGE NO.			M. P. PLUS	CTR. HT.	SPANS			TOTAL LGH	YEAR ERECT	KIND OF STRUCTURE	
ORIG.	OLD	NEW			NO	LGH	TOT'L				
04	D-55	55.0	5059	5.9				63.8	1920 1924 1943	30" Ov. Conc. Pipe 24.5' Conc. Hdw. " " " " 16' " " " " " " 16.1'	E.B., P.T. W.B. P.T.
	A-56	55.4	1909	40.4				197.9	1897 1918	4'x1.5' Conc. Arch 122.5' Conc. Hdws. Ext. 13' 1940 Ext. 42' Ext. 15' 1924 Ext. 20.4' 1943	W.B. 4 Trks.
	B-56	55.6	3348	26.5				120.0	1898 1918	30" Ro. Conc. Pipe 15' & 30" Vit. Pipe 105' 32'-Vit. Pipe Conc. Hdws.	4 Trks.
132	C-56	55.8	4298	5.0				98.8	1944	2-3'x2' Creo. Wood Box	6 Trks.
		55.9								SUMMIT	
036	D-56	55.9	4878	6.0				<u>138.9</u> 152.3	1944	2'x2' Creo. Wood Box	6 Trks.
	B-57	56.1	0408	20.0				164.0	1914 1919	30" Rein. Conc. Pipe 140.5' " " " " 23.5' Conc. Hdw. No.	6 Trks.
	WEST BOUND MAIN									BEGIN NON - PARALLEL TRACK	
	BA-57	56.5	2572	5.3				104.0	1949	36" - #10 Ga. Armco Cor. I. Pipe	2 Trks.
90	C-57	56.7	3625	46.2				146.0	1898	9.5'x0.25' Conc. Arch Skew	
91	D-57	56.9	5005	30.0				154.0	1898 1915	9.5'x0.25' Conc. Arch 123' " " " " 31' So.	
	A-58	57.16	0825	14.0				45.0	1898	2-24" Conc. Pipe Conc. Hdws. Skew	
93	B-58	57.25	1306	14.5	1	20.0		20.4	1899 1951	I-Bm. B. D. on Conc. 6-24" I-Bm. Wingwalls Raised & Restored C-162-50	
94	C-58	57.4	2111	17.5				40.0	1898	12'x2' Conc. Arch Skew	

LEFT HAND RUNNING

LOS ANGELES DIVISION. BRIDGE LIST FIRST DISTRICT

BRIDGE NO.			M. P. PLUS	CTR. HT.	SPANS			TOTAL LGH	YEAR ERECT	KIND OF STRUCTURE
ORIG.	OLD	NEW			NO	LGH	TOT'L			
	D-58	57.7	3561	22.0				78.0	1898	9.5'x0.5' Conc. Arch Skew
95	E-58	57.8	4029	25.0				73.0	1898	8'x0.25' Conc. Arch
97	F-58	58.0	5159	13.0				52.0	1898	8'x0.25' Conc. Arch Skew
98	A-59	58.1	0437	19.0				57.0	1898	9.5'x0.25' Conc. Arch
	C-59	58.2	1313	10.0				48.0	1915	20" C.I. Pipe Conc. Hdws.
	99	D-59	58.5	2705	48.0			187.0	1898	12'x1.5' Conc. Arch Skew
0.01	100	F-59	58.9	4806	22.4			82.0	1898	6'x2.8' Conc. Arch Skew
	101	A-60	59.0	0018	42.0			111.0	1898	8'x4' Conc. Arch
	Bb-60	59.4	2207	38.2				143.0	1938	24"x27" Ov. Rein. Conc. Pipe 104' N. 36" Rein. Conc. Pipe 39' S.
0.116	Bd-60	59.5	2893	15.0				75.5	1944	2-48" Rein. Conc. Pipe Conc. Hdws. 2 Trks.
		59.6						GISH		
0.116	Bc-60	59.7	3498	11.7				88.5	1944	48" Rein. Conc. Pipe 40.2' Conc. Hdws. W.B. 48.3' " " " " P.T.
	BA-60	59.90	4737	6.4				40.0	1931	30" Ov. Rein. Conc. Pipe Conc. Hdws. 2 Trks.
	C-60	59.92	4873	23.6	1	60.0		60.0	1931	Dk. Girder on Conc. S.W. & H. Rs. 90° Gd. RI. 45° Skew State Hwy. Underpass B.D.

LEFT HAND RUNNING

DRAINAGE AREA SQ. MI.	LOS ANGELES DIVISION. BRIDGE LIST FIRST DISTRICT										
	BRIDGE NO.			M. P.	CTR. HT.	SPANS			TOTAL LGH	YEAR ERECT	KIND OF STRUCTURE
	ORIG.	OLD	NEW	PLUS		NO	LGH	TOT'L			
28.0	103	A-61	60.1	0528	30.5	1	36.0		36.3	1898	Class "A" Girder B.D. on Conc. 90° Gd. RI. S.W. & H. Rs.
	104	B-61	60.4	2026	18.5	1	36.0		36.9	1898	Class "B" Girder B.D. on Conc. 90° Gd. RI.
	105	C-61	60.6	3393	7.5	2	90.0		181.7	1915	Class "DD" Thru Girder B.D. on Conc. 90° Gd. RI. Skew
		D-61	60.9	4924	5.0				25.0	1898	24" Brea Pipe Conc. Hdws.
0.31		E-61	61.0	0021	9.0				36.0	1939	2-6'x5' Rein. Conc. Box Conc. Hdws. Skew
	107	A-62	61.2	1185	10.0				36.0	1898	9.5'x0.25' Conc. Arch Skew <i>Walk & Handrails C-130-52.</i>
	108	A-63	62.0	0090	15.0	4	60.0		254.4		Thru Girders Shelf Angle B.D. on Conc. 90° Gd. RI. CAJON CREEK
			62.4								CAJON
											END NON - PARALLEL TRACK WEST BOUND
			55.9								SUMMIT
											EAST BOUND MAIN TRACK BEGIN NON-PARALLEL TRACK
	A-57X	X66.7	3532	31.0					120.0	1914	2-48" Rein. Conc. Pipe Conc. Hdws.
	B-57X	X66.9	4922	15.0					60.0	1914 1951	3-42" Ro. Rein. Conc. Pipe Conc. Hdws. <i>W.W.s. & Floor Extended So. Side. C-91-50</i>
	A-58X	X67.1	0674	17.0					63.0	1914	24" Ro. Rein. Conc. Pipe Conc. Hdws.

LEFT HAND RUNNING

DRAINAGE AREA SQ.MI.	LOS ANGELES DIVISION. BRIDGE LIST FIRST DISTRICT										
	BRIDGE NO.			M. P.	CTR.	SPANS			TOTAL	YEAR	KIND OF STRUCTURE
	ORIG.	OLD	NEW	PLUS	HT.	NO	LGH	TOT'L	LGH	ERECT	
0.19		B-58X	X57.2	1237	26.0	1	20.0		20.0	1929	I-Bm. B.D. on Conc. 6-24" I-Bm. Cty. Rd. under
0.40		C-58X	X57.3	1503	25.5				80.6	1914	8'x5' Conc. Arch
0.23		D-58X	X57.6	3335	10.2				32.3	1914	12'x1' Conc. Arch
0.18		E-58X	X57.8	4420	26.2				81.0	1914	2-48" Ro. Rein. Conc. Pipe Conc. Hdws.
0.08		A-59X	X58.0	0204	12.5				51.0	1914	2-36" Ro. Rein. Conc. Pipe Conc. Hdws.
0.20		B-59X	X58.1	0724	26.7				84.0	1914	3-42" Ro. Rein. Conc. Pipe Conc. Hdws.
0.13		C-59X	X58.3	1732	33.1				105.0	1914	2-48" Ro. Rein. Conc. Pipe Conc. Hdws.
0.03		D-59X	X58.4	2134	67.9				246.0	1914	24" Ro. Rein. Conc. Pipe Conc. Hdws. 36"x20' Stand Pipe N. End
0.02		DA-59X	X58.5	2588	58.5				252.0	1914	24" Ro. Rein. Conc. Pipe Conc. Hdws. Skew
0.17		E-59X	X58.6	3256	14.8				60.0	1914	3-42" Ro. Rein. Conc. Pipe Conc. Hdws.
0.06		F-59X	X58.7G	4018	41.0				111.0	1914	42" Ro. Rein. Conc. Pipe Conc. Hdws.
0.01		G-59X	X58.84	4413	8.5				33.0	1914	24" Ro. Rein. Conc. Pipe Conc. Hdws.
				4581					380.0	1914	TUNNEL No 1 90" Gd. RI.
		A-60X	X59.0	0128	43.5				135.0	1914	42" Rein. Conc. Pipe Conc. Hdws.
		B-60X	X59.1	0686	48.5				81.0	1914	3-42" Ro. Rein. Conc. Pipe Conc. Hdws.

LEFT HAND RUNNING

LOS ANGELES DIVISION. BRIDGE LIST FIRST DISTRICT

BRIDGE AREA SQ. MI.	BRIDGE NO.			M. P.	CTR. HT.	SPANS			TOTAL LGH	YEAR ERECT	KIND OF STRUCTURE
	ORIG.	OLD	NEW			PLUS	NO	LGH			
	25				0956					467.5	
BA-60X		X59.4		2248					44.4	1914	24" Ov. Rein. Conc. Pipe 27.8' 16.6' N. End 1943 Conc. Hdws. 2 Trks.
C-60X		X59.5		2749	35.2				118.9	1914 1943	12'x7' Conc. Arch 25' Splwy. L. 2 Trks.
CA-60X		X59.6		2949	22.0	1	40.0		40.7	1931	I-Bm. B.D. on Conc. 90 ^o Gd. RI. S.W. & H.Rs. 2 Trks. State Hwy. Underpass
	D-60X	X59.8		4193	21.1				82.5	1914	12'x6.5' Conc. Arch Skew 2 Trks.
	59.7								ALRAY		
	A-61X	X60.1		0292	43.8				147.0	1914	2-42" Ro. Rein. Conc. Pipe Conc. Hdws. 2 Trks.
	B-61X	X60.2		0996	13.5				66.3	1914 1925	42" Ro. Rein. Conc. Pipe 49.3' Skew E.B. 42" Ov. Rein. Conc. Pipe 17' N. End Conc. Hdws. P.T.
	C-61X	X60.3		1366	11.0				59.0	1914 1925	24" Ro. Rein. Conc. Pipe 42' Conc. Hdws. E.B. 24" Ov. " " " 17' P.T.
	D-61X	X60.4		2370	8.5				47.4	1914 1943	24" Ro. Rein. Conc. Pipe 31' Conc. Hdws. E.B. 24" Ov. " " " " P.T.
	E-61X	X60.5		2568	11.0				45.0	1914	42" Ro. Rein. Conc. Pipe Conc. Hdws. 2 Trks.
	A-62X	X61.0		0127	12.8				45.0	1914	2-48" Ro. Rein. Conc. Pipe Conc. Hdws.
	B-62X	X61.3		1411	24.5				59.7	1914	18'x9.5' Conc. Arch

LEFT HAND RUNNING

LOS ANGELES DIVISION BRIDGE LIST FIRST DISTRICT

DRAINAGE AREA SQ. MI.	BRIDGE NO.		M. P.	CTR.	SPANS			TOTAL	YEAR	KIND OF STRUCTURE
	ORIG.	OLD	PLUS	HT.	NO	LGH	TOT'L	LGH	ERECT	
	62.7	C-62X	X61.5	2607	13.0	4	40.0		163.6	
0.14	A-63X	X62.2	1078	14.0				52.8	1914	3-48" Ro. Rein. Conc. Pipe Conc Hdws.
0.09	B-63X	X62.5	2588	35.4				138.0	1914	42" & 36" Ro. Rein. Conc. Pipes Conc. Hdws.
0.06	C-63X	X62.7	3809	43.5				147.0	1914	42" Ro. Rein. Conc. Pipe Conc. Hdws.
0.02	D-63X	X62.9	4586	18.0				75.0	1914	24" Ro Rein. Conc. Pipe Conc. Hdws.
0.019	A-64X	X63.0	0243	25.5				93.0	1914	24" Ro. Rein. Conc. Pipe Conc. Hdws.
0.004	B-64X	X63.1	0641	8.2				33.0	1914	24" Ro. Rein. Conc. Pipe Conc. Hdws.
0.05	C-64X	X63.2	1266	21.8				71.0	1914	42" Ro. Rein. Conc. Pipe Conc. Hdws.
0.89	D-64X	X63.3	1734	36.0				147.2	1914	10'x6.5' Conc. Arch Conc. Hdws. Skew
0.07	E-64X	X63.4	2030	11.0				79.3	1914	24" Ro. Rein. Conc. Pipe 43.3' Conc. Hdws. 36" Corr. Pipe 36" L. End
0.27	F-64X	X63.5	2469	11.0				54.6	1914	8'x2' Conc. Arch
1.24	G-64X	X63.7	3468	32.5				109.8	1914	12'x7.5' Conc. Arch
	A-65X	X64.1	0342	16.2	2	75.0		151.5	1914	Class "DD" Thru Girder B.D. on Conc. 110*Gd. RI. CAJON CREEK
	END NON - PARALLEL TRACK								EAST BOUND	

LEFT HAND RUNNING

DRAINAGE AREA SQ. MI.	LOS ANGELES DIVISION. BRIDGE LIST FIRST DISTRICT										
	BRIDGE NO.			M. P.	CTR.	SPANS			TOTAL	YEAR	KIND OF STRUCTURE
	ORIG.	OLD	NEW	PLUS	HT.	NO	LGH	TOT'L	LGH	ERECT	
0.71	109	B-63	62.7	3610	14.5	2	30.0		60.0	1913	CAJON TRACK I-Bm. B.D. on Conc. 8-24" I-Bm Each Trk. 4 Trks. S.W. & H. Rs., R.C. cut-off wall S.W. end - C-173-48 Dwg. 88-25432.
			A-64	63.1	0264	20.0	3	80.0		240.0	
117		B-64	63.3	1719	16.1				74.0	1939	5'x4' Rein. Conc. Box Spl. Wings, Apron & Splwy. So.
		C-64	63.5	2514	12.2				64.0	1939	30" Ov. Rein. Conc. Pipe 6' Toewall So.
		D-64	63.6	3089	9.5				58.0	1939	6'x6' Rein. Conc. Box Toewall So. Skew
		E-64	63.7	3506	11.0				58.0	1939	4'x4' Rein. Conc. Box Spl. Wings & Apron So.
		F-64	63.9	4987	8.1				48.5	1939	5'x4' Rein. Conc. Box Spl. Wings & Apron So.
		A-65	64.2	0882	12.0				68.9	1939	5'x4' Rein. Conc. Box Spl. Wings & Apron So. Skew
		C-65	64.7	3760	3.5				36.0	1913	5'x2' Rein. Conc. Box
		G-65	64.9	4673	4.5	1	10.0		10.0	1914	B. D. T-R. on Conc. 18-85* T-Rs. Each Trk. W. B. Fire Deck T-R. on Conc. E. B.
		0A-66	65.0	0044	3.9				40.3	1944	18" Ro. Conc. Pipe
		A-66	65.1	0756	30.7				48.5	1902 1913	20'x7' Conc. Arch 34' " " " 14.5' Lone Pine Creek W. B. E. B.

LEFT HAND RUNNING

LOS ANGELES DIVISION. BRIDGE LIST FIRST DISTRICT

BRIDGE NO	M. P.			CTR. HT.	SPANS			TOTAL LGH	YEAR ERECT	KIND OF STRUCTURE
	ORIG.	OLD	NEW		PLUS	NO	LGH			
117		E-66	65.4	2105	19.5			43.5	1938	12x14' Rein. Conc. Box
157		G-66	65.6	3395	19.5			44.0	1938	12x14' Rein. Conc. Box
028		H-66	65.8	3962	4.8			40.0	1938	36" Ov. Rein. Conc. Pipe Conc. Hdws.
0.08		0A-67	66.0	0152	6.6			40.0	1938	6'x3' Rein. Conc. Box
		0B-67	66.1	0608	3.4			40.0	1944	18" Rein. Conc. Pipe
		0D-67	66.16	0844	3.8			40.3	1944	18" Ro. Conc. Pipe
		A-67	66.19	0998	4.3			39.0	1914	24" Ro. Rein. Conc. Pipe
		AA-67	66.22	1172	4.4			40.2	1944	18" Ro. Rein. Conc. Pipe
		66.3			KEENBROOK					
	120	B-67	66.4	2300	12.5	1	22.0	23.0 22.5	1899 1913	I-Bm. B.D. on Conc. 6-24" I-Bm. Each Trk. W.B. " " " Keenbrook Creek E.B. & P.T.
		Bb-67	66.93	4923	11.5			59.0	1938	2-8'x6' Rein. Conc. Box Conc. Hdws. 3 Trks.
	120 1/2	C-67	66.94	4938	7.1	1	5.0	5.0	1909 1938	B.D. T-R. Slab on Conc. S.W. & H. Rs. M.Trks. " " " " " E.B.P.T.
0.25		AA-68	67.5	2427	13.7			59.0	1938	8'x8' Rein. Conc. Box Conc. Hdws. M.Trks. & X-over
		B-68	67+	3645				58.5	1912	30" Ro. Rein. Conc. Pipe Conc. Hdws. N. (Replaced by Aa-68.)

LEFT HAND RUNNING

LOS ANGELES DIVISION. BRIDGE LIST FIRST DISTRICT

BRIDGE NO.			M. P. PLUS	CTR. MT.	SPANS			TOTAL LGH	YEAR ERECT	KIND OF STRUCTURE	
ORIG.	OLD	NEW			NO	LGH	TOT'L				
	122	C-68	67.9	4770	8.2	2	5.0	12.0	1909 1938	B.D.T-R. Slab on Conc.	W.B. E.B.
194		0A-69	68.2	1009	15.0			52.0	1938	10*10' Rein. Conc. Box Skewed 60°	
234		AA-69	68.3	1844	16.0			56.0	1938	10*10' Rein. Conc. Box Skewed	
	123	B-69	68.5	2768	6.4	1	5.0	7.0	1909 1938	B.D.T-R. Slab on Conc. " " " "	E.B. W.B.
72.0	124	A-71	70.7	3501	10.4	10	45.0	455.0	1925	Class "DD" Thru Girders on Conc. B.D. Bents skewed 90° Gd. Rl. Both Trks. S.W. & H. Rs. CAJON CREEK	
			71.0							DEVORE	
		AA-73	72.28	1496	5.9			50.0		24" C.M. Pipe	
		A-73	72.31	1660	17.0	1	65.0	65.0	1936	Class "DD" Thru Girder on Conc. Hwy. Underpass 90° Gd. Rl. Both Trks.	
			73.4							VERDEMONT	
		A-74	73.9	4593	6.0			39.7	1917	3-36" Rn Rein. Conc. Pipe Conc. Hdws.	
	125	A-76	75.1	0717	7.0	2	26.0	52.6	1899 1912	I-Bm. B.D. on Conc. 6-24" I-Bm. Each Trk. " " "	W.B. E.B.
	126	B-76	75.5	2578	6.5	2	24.0	48.5	1899 1912	I-Bm. B.D. on Conc. 6-24" I-Bm. Each Trk. " " " S.W. & H. Rs.	E.B. W.B.

LEFT HAND RUNNING

LOS ANGELES DIVISION BRIDGE LIST FIRST DISTRICT

BRIDGE NO.	M. P.	CTR.	SPANS			TOTAL	YEAR	KIND OF STRUCTURE
			PLUGS	HT.	NO			
ORIG	OLD	NEW						
		76.0					ONO	
	0A-77	76.4	2374			80.0	1945	63" Ro. Rein. Conc. Pipe Macy St. Storm Drain 4 Trks.
	A-77	76.55	2904	3.1	1	11.0	1940 1943	B. D. T-R. on Creo. 14-90" T-R. Each Trk. M.Trks. S.W. & H. Rs. E.B.P.T.
	B-77	76.63	3317	6.6	1	10.0	1925	B. D. T-R. on Creo. 42-90" T-Rs. S.W. & H. Rs. M.Trks. & X-over
		79.4						HIGHLAND JUNC.
4991	B-80	79.9	4541			22.6	1923	S. Side Base Line Rd. 2-18" x 20" Conc. Pasadena Type Culvert
0.012	C-80	79.98	5187			23.0	1923	S. Side 11th St. 20 1/2 x 16" Dbl. Conc. Pasadena Type Box
	AA-81	80.05	0245			23.1	1924	S. Side Olive St. 2-21" x 12" Conc. Pasadena Type Box
0.224	A-81	80.1	0602			38.2	1924	S. Side 10th St. 2-21" x 12" Conc. Pasadena Type Box 3 Trks
0.14	B-81	80.2	1281			23.0	1924	S. Side 9th St. 2-21" x 12" Conc. Pasadena Type Box
0.075	C-81	80.3	1951			23.0	1924	S. Side 8th St. 2-21" x 12" Conc. Pasadena Type Box
	D-81	80.5	2637			37.1	1924	S. Side 7th St. 2-21" x 13" Conc. Pasadena Type Box 3 Trks.
	E-81	80.6	3310			36.9	1921	S. Side 6th St. 2-21" x 12" Conc. Pasadena Type Box 3 Trks.
	F-81	80.7	3637			38.0	1921	S. Side Spruce St. 18" x 12" Conc. Box 3 Trks.
	FA-81	80.75	3969				1951	4th St. Hwy. Overpass 5 Trks.
	H-81	80.76	3994	1.3		76.0		S. Side 5th St. 2-18" x 18" Conc. Pasadena Type Box 4 Trks.

LEFT HAND RUNNING

LOS ANGELES DIVISION. BRIDGE LIST FIRST DISTRICT

BRIDGE NO.			M. P.	CTR.	SPANS			TOTAL	YEAR	KIND OF STRUCTURE
ORIG.	OLD.	NEW.	PLUS	HT.	NO	LGH	TOT'L	LGH	ERECT	
	J-81	80.9	4740		S.Side	4 th	St.	110.0	1911	24" Rein. Conc. Pipe
	AA-82	81.2	1105					598.2	1928	8'x8' Pedestrian Subway under Yard Trks.
		81.3			SAN BERNARDINO					
			END		FIRST DISTRICT					