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# PASADENA SHORT LINE

LOCATION	TRACK	RAIL LAID	MAX GRADE	PLAN of W & TRACK OVERHEAD	SIGNALS	REMARKS
ECHANDIA JUNCTION						
	I.B. LOCAL NO. TRACK	70ASCE 1907				
	O.B. LOCAL NO. TRACK	70ASCE 1907				
	I.B. MAIN SO. TRACK	75CSR 1921	+0.46%			
	O.B. MAIN SO. TRACK	75CSR 1921				
MISSION ROAD	I.B.	128GG 1917	-1.03			
	O.B.	128GG 1917				
EAST SIDE L.A. RIVER	I.B.	60ASCE 1923	LEVEL			
	O.B.	60ASCE 1923				
WEST SIDE L.A. RIVER	I.B.	128GG 1929	+0.19%			
	O.B.	128GG 1929				
ALAMEDA STREET	I.B.	128GG 1926	-2.26%			
	O.B.	128GG 1926				
SAN PEDRO STREET	I.B.	128GG 1926	-2.40%			
	O.B.	128GG 1926				
ALISO STREET	I.B.	128GG 1926	+0.92%			
	O.B.	128GG 1926				
LOS ANGELES ST.	I.B.	128GG 1926	-2.9%			
	O.B.	128GG 1926				
FIRST STREET	I.B.	127GG 1927	+0.30%			
	O.B.	127GG 1927				
FLYING DUTCHMAN MAINTENANCE	I.B.	127GG 1927	+1.14%			
	O.B.	127GG 1927	+0.68%			
6TH & MAIN DEPOT			+0.64%			

MACY ST. BRIDGE 1907 L.A. RY. #23,552. CITY #41,778 TOTAL #65,330

LOS ANGELES RIVER BRIDGE - STEEL CONSTRUCTION  
 (1905 P.E. RY. #30,603. CITY #32,529 TOTAL #63,132)

REMARKS

TELEPHONE S - (CIRCUITS, DISPATCH, & - CIRCUITS) DISPATCH & CIRCUITS POWER  
 2200 V. SIGNAL  
 1-600M. CU. FEEDER  
 2-400M. CU. FEEDERS  
 1-PE. RY. (L.A. RY. FEEDERS)

# PASADENA SHORT LINE

LOCATION	TRACK RAIL	LAI D	MAX GRADE	PLAN R of W & TRACK OVERHEAD & SIGNALS	REMARKS
MONTEREY ROAD	1B LOCAL 1B MAIN 1B MAIN 1B LOCAL	70ASCE 70ASCE 60ASCE 60ASCE	1910 1910 1906 1906		MISSION ROAD GRADE SEPARATION-1937, \$434,000 EST. PAID BY STATE
TOURQUOIS STREET	1B LOCAL 1B MAIN 1B MAIN 1B LOCAL	70ASCE 75CSR 75CSR 60ASCE	1910 1929 1927 1906		
TOURMALINE STREET	1B LOCAL 1B MAIN 1B MAIN 1B LOCAL	70ASCE 70ASCE 75CSR 60ASCE	1910 1910 1929 1906		
MISSION ROAD	1B LOCAL 1B MAIN 1B MAIN 1B LOCAL	60ASCE 60ASCE 60ASCE 60ASCE	1906 1906 1906 1906		
INDIAN VILLAGE	1B O.B.	70ASCE 70ASCE	1907 1907		LINCOLN PARK UNDERPASS - CONCRETE 1906 \$3762 ALHAMBRA AVE. BRIDGE - STEEL & CONCRETE 1906 \$31,457
VALLEY JUNCTION	1B O.B.	70ASCE 70ASCE	1907 1907		CHARLOTTE ST. BRIDGE - FRAME 1907 \$6567. MARENGO ST. BRIDGE - BUILT BY STATE 1936 COST NOT KNOWN  { VALLEY JCT. SUBSTATION 1934 - \$29,985 EQUIPMENT - \$115,295 2-ALLIS CHALMERS-1000K.W. M.G. 1910, 1-G.E. 1500K.W. R.C. 1921 CORNWELL ST. BRIDGE - FRAME - 1910 \$9510
ECHANDIA JUNCTION	1B O.B.	70ASCE 70ASCE	1907 1907		STATE ST. BRIDGE REBUILT 1936 CONCRETE PE. RY. INTEREST \$4529 L.A. COUNTY & CITY INTEREST NOT KNOWN LORD ST. BRIDGE - FRAME ON CONCRETE FOUNDATION 1914 \$15,340

# PASADENA SHORT LINE

LOCATION	TRACK RAIL	LAI D	MAX. GRADE	PLAN R of W	TRACK OVERHEAD & SIGNALS	REMARKS
ONEONTA PARK	1B LOCAL 75CSR 1B MAIN 75CSR	1929 1929	+0.94%			SIERRA VISTA STATION - 1906-1910
MAPLE AVENUE	0B MAIN 60ASCE 0B LOCAL 70ASCE	1902 1902	+2.03%			
ALHAMBRA ROAD	1B LOCAL 75CSR 1B MAIN 60ASCE	1927 1910	+2.03%			
SIERRA VISTA	1B LOCAL 70ASCE 1B MAIN 70ASCE	1910 1910	+0.40%			
EMERY PARK	1B LOCAL 70ASCE 1B MAIN 70ASCE	1910 1910	+0.75%			
SIERRA PARK	0B MAIN 70ASCE 0B LOCAL 70ASCE	1910 1910	+0.75%			
VAN HORNE AVE	1B LOCAL 70ASCE 1B MAIN 60ASCE	1910 1902	+1.27%			
EL SERENO	1B LOCAL 70ASCE 1B MAIN 70ASCE	1910 1910	-1.20%			
MINTO COURT	0B LOCAL 75CSR 1B LOCAL 70ASCE	1929 1910	+1.40%			
MONTEREY ROAD	0B MAIN 70ASCE 0B LOCAL 60ASCE	1926 1906	+1.40%			HUNTINGTON DR. OVERHEAD CROSSING-FRAME 1907-2347

NEWTON PORTABLE SUBSTATION-CAR #2560 EQUIPMENT 15427  
1-G.E. 1000KW M.G. 1914

# PASADENA SHORT LINE

LOCATION	TRACK RAIL LAID	MAX GRADE	PLAN R OF W & TRACK OVERHEAD & SIGNALS	REMARKS
COLORADO STREET	I.B. 128GG 1934 O.B. 128GG 1934	+1.20% +1.35%		<p>(GLENARM ST. SUBSTATION 1895 \$11088 EQUIPMENT \$100,218 1-W.E.M. 600KW M.G. 1903 1-W.E.M. 600KW M.G. 1904 1-ALLIS CHALMERS 1000KW M.G. 1907 1-G.E. 1000KW M.G. 1911 RAYMOND VIADUCT, STEEL &amp; CONCRETE 1903 \$23,675</p>
GREEN STREET	I.B. 127GG 1914 O.B. 127GG 1914	+1.54% +2.12%		
CALIFORNIA STREET	I.B. 91" 1914 O.B. 91" 1914	+1.48% +1.31%		
ARLINGTON DRIVE	I.B. 91" 1915 O.B. 91" 1915	+0.79% +3.82%		
STATE STREET	I.B. 75CS 1915 O.B. 75CS 1915	LEVEL		
COLUMBIA STREET	I.B. 128GG 1925 O.B. 128GG 1925	+4.00%		
OAKLAWN AVENUE	I.B. 128GG 1926 O.B. 128GG 1926	+3.67%		
HOPE STREET	I.B. 91" 1914 O.B. 91" 1914	+3.08%		
MONTEREY ROAD	I.B. 60ASCE 1902 O.B. 60ASCE 1902	+0.94% +1.40%		
ONEONTA PARK				

ONEONTA INTERLOCKING PLANT ALL ELECTRIC - 1904 \$2391  
EQUIPMENT \$41,221.42 WORKING LEVERS 6 SPARES - G.R.S. MODE 1 ?

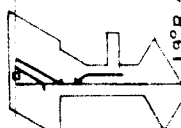


# MONROVIA-GLENDORA LINE

LOCATION	TRACK	RAIL LAID	MAX. GRADE	PLAN, R.O.F.W. & TRACK	OVERHEAD & SIGNALS	REMARKS
GLENDORA	SINGLE TRACK	70ASCE 1907	+2.2%			GLENDORA STA. 1909-5031
	SINGLE TRACK	70ASCE 1907	+2.2%			
PASADENA AVE	I.B.	70ASCE 1907	+1.34%			AZUSA STA. 1912-3497
	O.B.	70ASCE 1907				
AZUSA SUBSTATION	I.B.	75CSR 1923	-0.5%			AZUSA SUB-STA. 1909-5933 EQUIPMENT-#27,24B 1-G.E. 250 K.W. M.G. 1917, 1-W.E. M. 400 K.W. M.G. 1909
	O.B.	75CSR 1923				
PUENTE LARGO	I.B.	70ASCE 1907	LEVEL			RIVAS TO AZUSA OPERATED AS SINGLE TRACK
	O.B.	70ASCE 1907				
RIVAS	I.B.	70ASCE 1907	+0.3%			SAN GABRIEL RIVER BRIDGE 1907-81762 18-57' SPANS REINFORCED CONCRETE ARCHES
	O.B.	70ASCE 1907				
LAS LOMAS	I.B.	70ASCE 1907	+1.1%			
	O.B.	70ASCE 1907				
DUARTE	I.B.	70ASCE 1907	+1.0%			
	O.B.	70ASCE 1907				
FOOTHILL BLVD	I.B.	75CSR 1927	+0.56%			
	O.B.	70ASCE 1907				
CALIFORNIA AVE.			+1.14%			

# SIERRA MADRE LINE

LOCATION	TRACK	RAIL LAID	MAX. GRADE	PLAN OF W & TRACK	OVERHEAD & SIGNALS	REMARKS
MOUNTAIN TRAIL AVE	SINGLE TRACK	60 ASCE 1905	LEVEL	<p>19° R. 400' 20° L. 434' 4° R. 98' 4° L. 85'</p>	<p>WAITING &amp; COMFORT STATION - FRAME &amp; CONCRETE 1914 #1079</p>	
HERMOSA AVE.	SINGLE TRACK	60 ASCE 1933	+3.00% +3.40% -3.00%	<p>SIERRA MADRE BL</p>	STATION - FRAME 1906 #744	
SIERRA MADRE AVE.	SINGLE TRACK	60 ASCE 1905	-1.48%	<p>14324'</p>	<p>CONCRETE UNDER PASS 1905 #2583 BRIDGE - FRAME 1905 #721 BRIDGE - FRAME 1930 #3944</p>	
COLORADO STREET	SINGLE TRACK	60 ASCE 1904	+3.00% LEVEL	<p>14324'</p>	<p>LAMANDA PARK INTERLOCKING PLANT - ALL ELECTRIC - 1917. PER RY #8574 ± A.T. &amp; S.F.R.Y. #11452 ± 14 WORKING LEVERS - 10 SPARES. G. R. S. MODEL 2.</p>	
SAN MARINO	I. B. 60 ASCE 1904 O. B. 60 ASCE 1904	60 ASCE 1904	+1.88% -0.18% +1.30% +2.00%	<p>9617'</p>	SAN MARINO STATION 1910 #893	



1-300 M. R.I. (-) 300 M. C.C. FEEDERS TO ACADIA SUBSTATION

1-300 M. C.C. FEEDER

TELEPHONE 1-CIRCUIT (DISPATCH)

INTERLOCKING LIMITS

497 #1817

SAN MARINO

# ALHAMBRA-SAN GABRIEL-TEMPLE LINE

LOCATION	TRACK RAIL LAID	MAX GRADE	PLAN-R.O.F.W & TRACK OVERHEAD & SIGNALS	REMARKS
TEMPLE		+2.37%		TEMPLE STATION-BRICK # 8814 ± DATE NOT KNOWN
SAN GABRIEL BLVD	SINGLE	-0.77%		EATON WASH BRIDGE-STEEL GIRDER 62' SPAN 1924 # 4535
	TRACK	-0.3%		
MISSION DRIVE	SINGLE	+0.2%		
	TRACK	-2.5%		SAN GABRIEL SUBSTATION 1927 # 8726 EQUIPMENT # 50318 AUTOMATIC SUBSTATION I-G.E. 1000KW. SYN. CONVERTER-1927
ALHAMBRA CITY LIMITS	I. B. 128' G.G. 1929	-0.64%		
	O. B. 128' G.G. 1929	+0.46%		FREIGHT & PASSENGER STATION 1907 # 7724
RAYMOND AVENUE	I. B. 128' G.G. 1926	+1.29%		
	O. B. 128' G.G. 1926	-0.81%		
HAMPDEN TERRACE	I. B. 60' ASCE 1902	-1.24%		WEST ALHAMBRA STATION 1926 # 5235
	O. B. 60' ASCE 1902	+1.94%		
SIERRA VISTA	I. B. 70' ASCE 1926			
	O. B. 70' ASCE 1926			SIERRA VISTA STATION 1906 # 1910

# COVINA LINE

LOCATION	TRACK RAIL	LAI D	MAX GRADE	PLAN R OF W & TRACK	OVERHEAD & SIGNALS	REMARKS
S.P.R. CROSSING	I. B. 90°ARA	1927	+0.10%			EL MONTE INTERLOCKING PLANT-ALL ELECTRIC 1913-#21581 EQUIPMENT 18 WORKING LEVERS-6 SPARS G.R.S. MODEL 2.
EL MONTE STATION	O. B. 70°ASCE	1907				EL MONTE STA. 1907-#4675
BEG. DOUBLE TRACK	I. B. 90°ARA	1927	-0.42%			LEXINGTON WASH BRIDGE 1917-#34,441 - STEEL & PILE CONST.
END DOUBLE TRACK	O. B. 70°ASCE	1907	+0.12%			- BRIDGE 1934-#2393-7 SPAN PILE CONSTRUCTION RUBIO WASH BRIDGE 1929-#5280 - 4 SPAN PILE CONSTRUCTION
WILMAR STATION	I. B. 90°ARA	1927	-1.40%			ALHAMBRA WASH BRIDGE 1928-#5427 CONC. ABUT, PILE & FRAME CONST.
	O. B. 70°ASCE	1907	-0.40%			WILMAR STA. 1907-#4634
RAMONA SUBSTATION	I. B. 90°ARA	1927	-1.40%			RAMONA SUBSTATION 1923-#15449 EQUIPMENT #65767 - 1200 & 600 V. 1-1000 KW ALLIS CHALMERS 1916, 1-1000 KW G.E. 1924, 1-400 KW W.E.M. 1917.
	O. B. 70°ASCE	1907	-0.53%			CONCRETE ARCH CULVERT - 1906-#5351
VALLEY JUNCTION	I. B. 90°ARA	1927	LEVEL			
	O. B. 70°ASCE	1907	+1.40%			
	I. B. 90°ARA	1927	-1.00%			
	O. B. 70°ASCE	1907	+0.60%			
	I. B. 90°ARA	1927	+1.39%			
	O. B. 70°ASCE	1907	+1.30%			
	I. B. 90°ARA	1927	+0.80%			
	O. B. 70°ASCE	1907				

TROLLEY  
1200 V.D.C.

# COVINA LINE

LOCATION	TRACK	RAIL LAID	MAX GRADE	PLAN-R OF W & TRACK	OVERHEAD & SIGNALS	REMARKS
BARRANCA ST.	I.B.	1285G 1928	+0.75%		<p>1-3/0-3Φ1500V.A.C.</p> <p>1-600M CU FEEDER</p> <p>1-300M CU FEEDER</p> <p>TELEPHONE &amp; CIRCUITS (DISPATCH &amp; POWER)</p> <p>ELECT INTERLOCK</p>	<p>COVINA STATION 1907 -#5742</p> <p>SAN DIMAS WASH BRIDGE 1906 -#5583 TIMBER &amp; REINFORCED CONCRETE</p> <p>VINELAND SUB-STA. 1908 -#1941-EQUIPMENT #57989 2. W.E.M. 750 K.W. SYNCH. CONV. SERIES CONN. 1924 1E.COV.</p> <p>SAN GABRIEL RIVER BRIDGE 1906 -#25,877 PILE BENT CONSTRUCTION</p> <p>EL MONTE INTERLOCKING PLANT-ALL ELECTRIC 1913-#21,581 EQUIPMENT 18 WORKING LEVERS 6 SPARES G. R. S. MODLE 2.</p>
	O.B.	1285G 1928	+1.2%			
HOLLENBECK AVE.	I.B.	704SCE 1906	+0.9%			
	O.B.	704SCE 1906-07	+0.6%			
VINELAND	I.B.	904ARA 1927	+0.2%			
	O.B.	704SCE 1907	+0.57%			
BALDWIN PARK	I.B.	904ARA 1927	+0.57%			
	O.B.	75C9R 1918	+0.57%			
GRAVEL PIT	I.B.	904ARA 1927	+0.57%			
	O.B.	704SCE 1907	+0.57%			
SAN GABRIEL RIVER	I.B.	904ARA 1927	+0.26%			
	O.B.	75C9R 1918	+0.40%			
HAYES	I.B.	904ARA 1927	+0.40%			
	O.B.	704SCE 1907	+0.40%			
SPR CROSSING						

# COVINA-LONE HILL-LA VERNE-NO. POMONA LINE

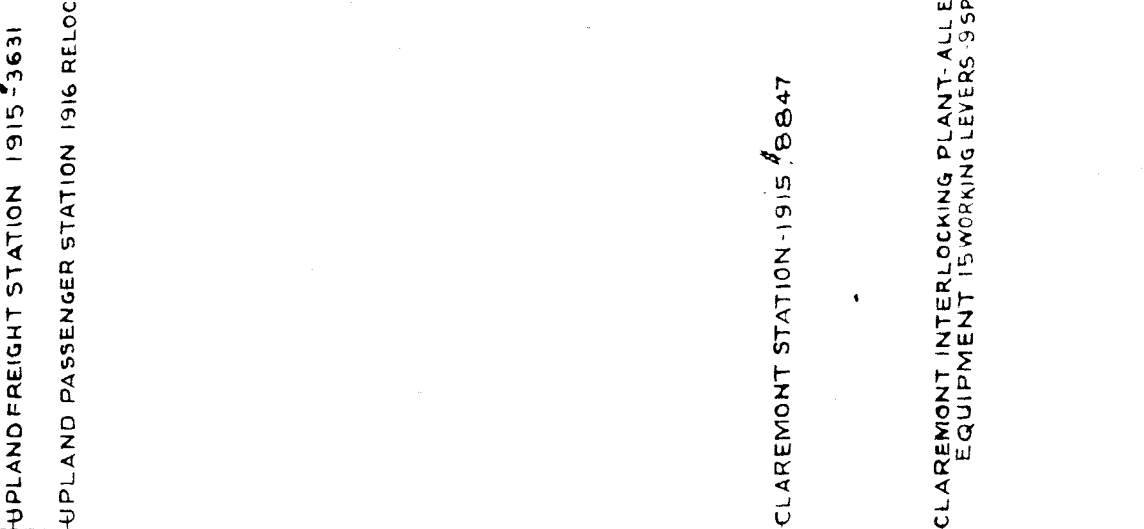
LOCATION	TRACK	RAIL LAID	MAX GRADE	PLAN R of W & TRACK OVERHEAD & SIGNALS	REMARKS
NORTH POMONA	SINGLE TRACK	75CS. 1914	LEVEL +0.70%		NORTH POMONA SUBSTATION 1914 - #3233 EQUIPMENT #40140 1-G.E. 1000 KW M.G. 1915 1200V D.C.
LA VERNE STATION	SINGLE TRACK	80ASCE 1921	LEVEL +0.50%		
SAN DIMAS STATION	SINGLE TRACK	80ASCE 1921	+0.76% +0.90%		
LONE HILL SAN DIMAS JCT.	SINGLE TRACK	70ASCE 1910	+0.60% +1.78% +0.60% +1.60%		
MASONIC HOME	SINGLE TRACK	70ASCE 1925	+1.80% +2.20%		
GLENDORA AVE.	SINGLE TRACK	70ASCE 1910	+1.45% +1.60%		
MONTE VISTA AVE END DOUBLE TRACK	I. B. O. B.	70ASCE 1928 70ASCE 1910	+1.50% +1.60%		
GRANDVIEW AVE.	I. B. O. B.	60ASCE 1910 70ASCE 1910	+0.79% +0.23%		
BARRANCA ST.					4-8' STEEL DECK BRIDGE 1919 - #3449

# NORTH POMONA - UPLAND LINE

## REMARKS

## LOCATION TRACK RAIL LAID MAX GRADE PLAN-R.O.F.W. & TRACK OVERHEAD & SIGNALS

LOCATION	TRACK	RAIL LAID	MAX GRADE	PLAN-R.O.F.W. & TRACK	OVERHEAD & SIGNALS	REMARKS
UPLAND STATION	SINGLE TRACK	75CS. 1913	-0.26% -0.47%			UPLAND FREIGHT STATION 1915-3631 UPLAND PASSENGER STATION 1916 RELOCATED 1929-4700
EUCLID AVE. UPLAND	SINGLE TRACK	70ASCE 1910	-0.36% -1.0% -0.10%			
ORANGE GROVE AVE	SINGLE TRACK	70ASCE 1910	-0.10%			
BOWDEN	SINGLE TRACK	70ASCE 1910	+0.90% +1.10% +0.90%			
CLAREMONT STA.	SINGLE TRACK	70ASCE 1910	+0.40% +0.90%			CLAREMONT STATION - 1915 #8847
AT & S.F.Y. CROSSING	SINGLE TRACK	70ASCE 1910	+1.25%			CLAREMONT INTERLOCKING PLANT - ALL ELECTRIC - 1913 #19336 EQUIPMENT 15 WORKING LEVERS - 9 SPARES - G.R.S. MODEL 2
NORTH POMONA	SINGLE TRACK	70ASCE 1910	+1.10%			



# UPLAND-SAN BERNARDINO LINE

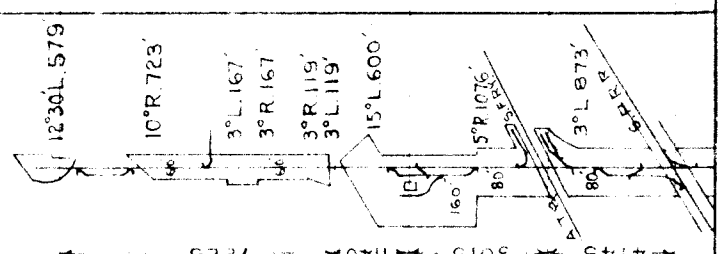
LOCATION	TRACK	RAIL	LAI	MAX GRADE	PLAN-R.O.F. TRACK OVERHEAD & SIGNALS	REMARKS
ETIWANDA SUBSTATION	SINGLE TRACK	75CS	1913	-0.12%		ETIWANDA SUBSTATION 1915 #1203 EQUIPMENT #25487 1-G. E. 1000 K.W. M. G. 1914 1000Y.
ETIWANDA STATION	SINGLE TRACK	75CS	1913	-0.50%		ETIWANDA STATION 1916 #6104
ALTA LOMA STATION	SINGLE TRACK	75CS	1913	-1.50%		ALTA LOMA STATION 1916 #6104
UPLAND STATION	SINGLE TRACK	75CS	1913	-1.50%		CARNELIAN ST. GRADE SEPARATION- RE. CONC. 1913 #5473 CUCAMONGA WASH BRIDGE- RE. CONC. 1913 #25904 FOOTHILL BLVD. GRADE SEPARATION- RE. CONC. & STEEL GIRDER 1913 REBUILT 1928 P.E. RY. #35,147 ± STATE #20,588 ± TOTAL #55,735 ±

# UPLAND-SAN BERNARDINO LINE

LOCATION	TRACK RAIL LAID	MAX GRADE	PLAN-R OF W & TRACK OVERHEAD & SIGNALS	REMARKS
SAN BERNARDINO SUB STA "F" STREET	SINGLE TRACK 128CG 1929	-1.20% -0.38%		<p>SAN BERNARDINO SUBSTATION 1921-#33171 EQUIPMENT #75145                      1-G.E. 1000KW. 1200V. M.G. 1914. 1-W.E.M. 400KW. 600V. M.G. 1920                      1-BULLOCK 200KW. 600V. M.G. 1902. 1-BULLOCK 200KW. 600V. M.G. 1903                      1-STREET-INTERLOCKING PLANT-ALL ELECTRIC-1915-#16620.                      EQUIPMENT 12 WORKING LEVERS-NO SPARES-G.R.S. MODEL L 2</p>
MT. VERNON AVE.	SINGLE TRACK 128CG 1929	-1.36%		<p>(WEST YARD-INTERLOCKING PLANT-COMBINED WITH A.T.&amp;S.F.R.Y. PLANT                      8 WORKING LEVERS-P.E.R.Y. PORTION-ALL ELEG.G.R.S. MODEL 2 UNIT. #7364                      LITTLE CREEK BRIDGE 4-ARCH RE.CONC. 1913-#34139                      HIGHWAY UNDER BRIDGE-RE.CONC. FLAT TOP. 1913-#3757                      A.T.&amp;S.F.R.Y. BRIDGE-BENCH-RE.CONC. 1913-#35,007                      UNDER FARM CROSSING-RE.CONC. FLAT TOP BRIDGE 1913-#4900</p>
CALIFORNIA ST.	SINGLE TRACK 75CS 1914	-0.05% -1.60%		<p>UNDER GRADE HIGHWAY RE.CONC. FLAT TOP BRIDGE 1913-#3979                      A.T.&amp;S.F.R.Y. OVERHEAD CROSSING-THRU PLATE GIRDER RE.CONC. ABUTTS. 1914-#18975                      OVERHEAD HIGHWAY RE.CONC. BRIDGE 1914-#4401</p>
RIALTO STATION	SINGLE TRACK 75CS 1914	-1.31% -1.10%		<p>RIALTO STATION 1916-#6126                      RIALTO SUBSTATION 1915-#1857 EQUIPMENT #15,539                      1-W.E.M. 400KW. 600V. M.G. 1915-FEEDS RIVER-DICE RIALTO LINE ONLY.</p>
LILAC STREET	SINGLE TRACK 75CS 1913	-0.25% -0.90%		
LINDEN STREET	SINGLE TRACK 75CS 1914	-0.50% -0.30%		
FONTANA STATION	SINGLE TRACK 75CS 1914	-0.10% +0.17%		<p>FONTANA PASSENGER STATION 1916-#6604°°                      FONTANA FREIGHT STATION 1916-#4596°°</p>
LOS MINAS	SINGLE TRACK 75CS 1913	+0.40% -1.34%		<p>MUSCAT GRADE SEPARATION 1930-P.E.R.Y. #50595 ± STATE #51353 ± TOTAL #101,948</p>
ETIWANDA SUB-STA	SINGLE TRACK 75CS 1913	+1.00% -0.50% -0.70%		
ETIWANDA SUB-STA	SINGLE TRACK 75CS 1913	-0.12%		

# SAN DIMAS JUNCTION-TEAGUE LINE

LOCATION	TRACK/RAIL LAID	MAX GRADE	PLAN R <sub>O</sub> F W <sub>2</sub> TRACK	OVERHEAD & SIGNALS	REMARKS
TEAGUE					
	SINGLE TRACK	+2.0%			
	60 ASCE 1910	+1.0%			
		-0.7%			
5TH STREET	SINGLE TRACK	+2.5%			
	70 ASCE 1911	+1.3%			
SAN DIMAS STATION	SINGLE TRACK	+0.6%			
	70 ASCE 1910	+2.2%			
AT & S FERRY CROSSING	SINGLE TRACK	+2.1%			
	70 ASCE 1910				
STONE HILL SAN DIMAS JCT.					



SAN DIMAS STATION 1912-5127 #

SAN DIMAS INTERLOCKING PLANT-ALL ELECTRIC - 1913-18,999  
EQUIPMENT 23 WORKING LEVERS - 1 SPARE G.R.S. MODEL 2

TR 000  
L 000  
R 000





# LONG BEACH LINE

LOCATION	TRACK RAIL LAID	MAX GRADE	PLAN OF W & TRACK	OVERHEAD & SIGNALS	REMARKS
DOMINGUEZ JUNCTION	I.B. 90ARA 1929 O.B. 90ARA 1929	-0.80%		DOMINGUEZ INTELOCKING PLANT-MECHANICAL WITH ELECT SIGNALS 1907-08. #17673 EQUIPMENT 22 WORKING LEVERS, 10 SPARES U.S. & S.CO.	
DOMINGUEZ	I.B. 90ARA 1929 O.B. 75CSR 1917	-0.80% +0.10%		DOMINGUEZ SUBSTATION 1902, REBUILT 1933. #22,678 EQUIPMENT #59,385 I-G.E. 1000K.W.M.G. 1912, I-W.E.M. 600K.W.M.G. 1904 "S.C.E. DELIVERY POINT"	
GREENLEAF DR.	I.B. 75CSR 1917 O.B. 75CSR 1917	LEVEL		FRAME OVERHEAD HIGHWAY BRIDGE 1902 #1039	
MAIN ST. COMPTON	I.B. 75CSR 1923 O.B. 75CSR 1923	LEVEL		PILE TRESTLE 1902 #1020 PILE TRESTLE 1902 #1020	
SCHOOL STREET	I.B. 75CSR 1917 O.B. 75CSR 1917	-0.115%		COMPTON FREIGHT & PASSENGER STATION 1907-1917, #10,578	
WALTON	I.B. 75CSR 1917 O.B. 75CSR 1917	-0.175%			
WILLOWBROOK	I.B. 75CSR 1923 O.B. 75CSR 1923	-0.35%			
WILMINGTON BLVD.	I.B. 90ARA 1926 O.B. 90ARA 1926	-0.35%			
JUNCTION REDONDO LINE					

# LONG BEACH LINE

LOCATION	TRACK RAIL	LAI	MAX. GRADE	PLAN R.O.F.W. & TRACK OVERHEAD & SIGNALS	REMARKS
GOLDEN ST.	I.B.	128'GG	-0.55%		LONG BEACH PASSENGER STATION - LEASED - INVESTMENT PERIOD 1927 - #32280
OCEAN AVENUE	O.B.	128'GG	+0.08%		NORTH LONG BEACH SUBSTATION 1925 - #11908 - EQUIPMENT #55416 (AUTOMATIC SUBSTATION I.W.E.M. 1500 K.W. SYNCH. CONV. 1925
SIXTH STREET	I.B.	128'GG	-0.18%		LOS CERITOS BRIDGE 423 STEEL GIRDER WITH 1070 PILE TRESTLE APPROACH 1928 #130542
ANAHEIM BLVD.	O.B.	128'GG	-0.16%		COTA INTERLOCKING PLANT 100% UPR R 6 LEVER MACHINE LOCATED IN DOMINGUEZ TOWER. ALL ELECTRIC REMOTE CONTROL MACHINE. U.S. & S. CO.
WILLOW ST.	I.B.	127'GG	-0.11%		DOMINGUEZ INTERLOCKING PLANT - MECHANICAL WITH ELECTRIC SIGNALS 1907 - 08 #17673 EQUIPMENT 22 WORKING LEVERS, 10 SPARES U.S. & S. CO
NORTH LONG BEACH	O.B.	128'GG	-0.05%		
	O.B.	128'GG	+0.30%		
	I.B.	60'ASCE	-0.12%		
	O.B.	60'ASCE	-0.12%		
COTA	I.B.	90'ARA	-0.12%		
	O.B.	90'ARA	-0.90%		
			+0.75%		
			LEVEL		
			+0.35%		
			LEVEL		
			+0.10%		
			-0.20%		
DOMINGUEZ JUNCTION	I.B.	90'ARA	-0.20%		
	O.B.	90'ARA	LEVEL		

# SAN PEDRO LINE

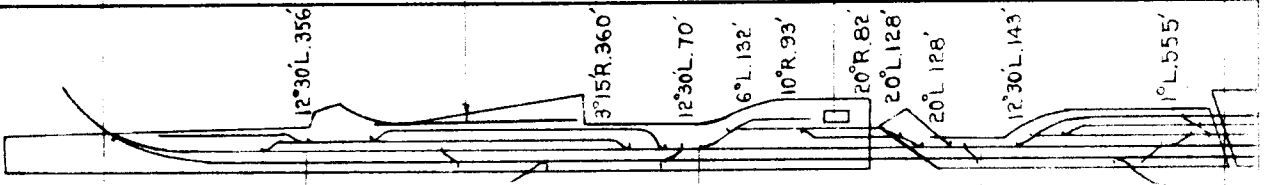
LOCATION	TRACK RAIL	LAI	MAX. GRADE	PLAN OF W & TRACK	OVERHEAD & SIGNALS	REMARKS
ANAHEIM ST.	I.B.	90'ARA	1928			WILMINGTON SUBSTATION 1918 #5127-EQUIPMENT #35000 AUTOMATIC SUBSTATION I-W.E.M. 1000K.W. M.G. 1918 S.C.E. DELIVERY POINT
	O.B.	90'ARA	1931			
'N' STREET	I.B.	90'ARA	1928			ELFTMAN WAITING STATION 1923 #1025
	O.B.	90'ARA	1930			
WESTERN ST.	I.B.	90'ARA	1928			DOMINGUEZ SECTION CAMP 1928-30 #7905 DOMINGUEZ SUBSTATION 1902, REBUILT 1933 #22,678-EQUIPMENT #59,385 1-GE. 1000K.W. M.G. 1912, 1-W.E.M. 600K.W. M.G. 1904
	O.B.	90'ARA	1931			
1300' FT. NORTH OF ELFTMAN	I.B.	90'ARA	1928			ELFTMAN WAITING STATION 1923 #1025
	O.B.	90'ARA	1929			
DOMINGUEZ JCT.						

# SAN PEDRO LINE

LOCATION	TRACK	RAIL	LAI	MAX. GRADE	PLAN, R.O.F. & TRACK	OVERHEAD & SIGNALS	REMARKS
FIRST STREET	I. B.	60 ASCE	1905	-0.50% LEVEL		SAN PEDRO MACHINE SHOP & STORE 1926-13056	
STANDARD OIL	O. B.	60 ASCE	1905	+0.54% LEVEL		SAN PEDRO SUBSTATION 1920-16611-EQUIPMENT #58972 (1-G.E. 100KW, M.G. 1919, 1-G.E. 600KW, M.G. 1906, 1-W.E.M. 400KW, M.G. 1905)	
PACIFIC DOCK	SINGLE TRACK	90 ARA	1912 BY S.P.	+0.47% LEVEL		-1150' ± FRAME TRESTLE 1905 #92429	
PIER "A"	I. B.	60 ASCE	1905	+0.60% LEVEL		BASCULE BRIDGE - BASCULE BRIDGE INTERLOCKING PLANT 10 WORKING LEVERS - 5 SPARES - U.S. & S. CO. MAINTAINED BY S.P.R.R.	
	O. B.	60 ASCE	1904	LEVEL		PACIFIC DOCKS STATION 1930 #2143	
"B" STREET	I. B.	90 ARA	1930	-1.06%			
	O. B.	90 ARA	1930	-0.11% -0.13%		WILMINGTON PASSENGER STATION 1921-6404	
ANAHEIM ST.	I. B.	60 ASCE	1904	+0.18% +0.26%			
	O. B.	60 ASCE	1904	-0.25%			

# SAN PEDRO LINE

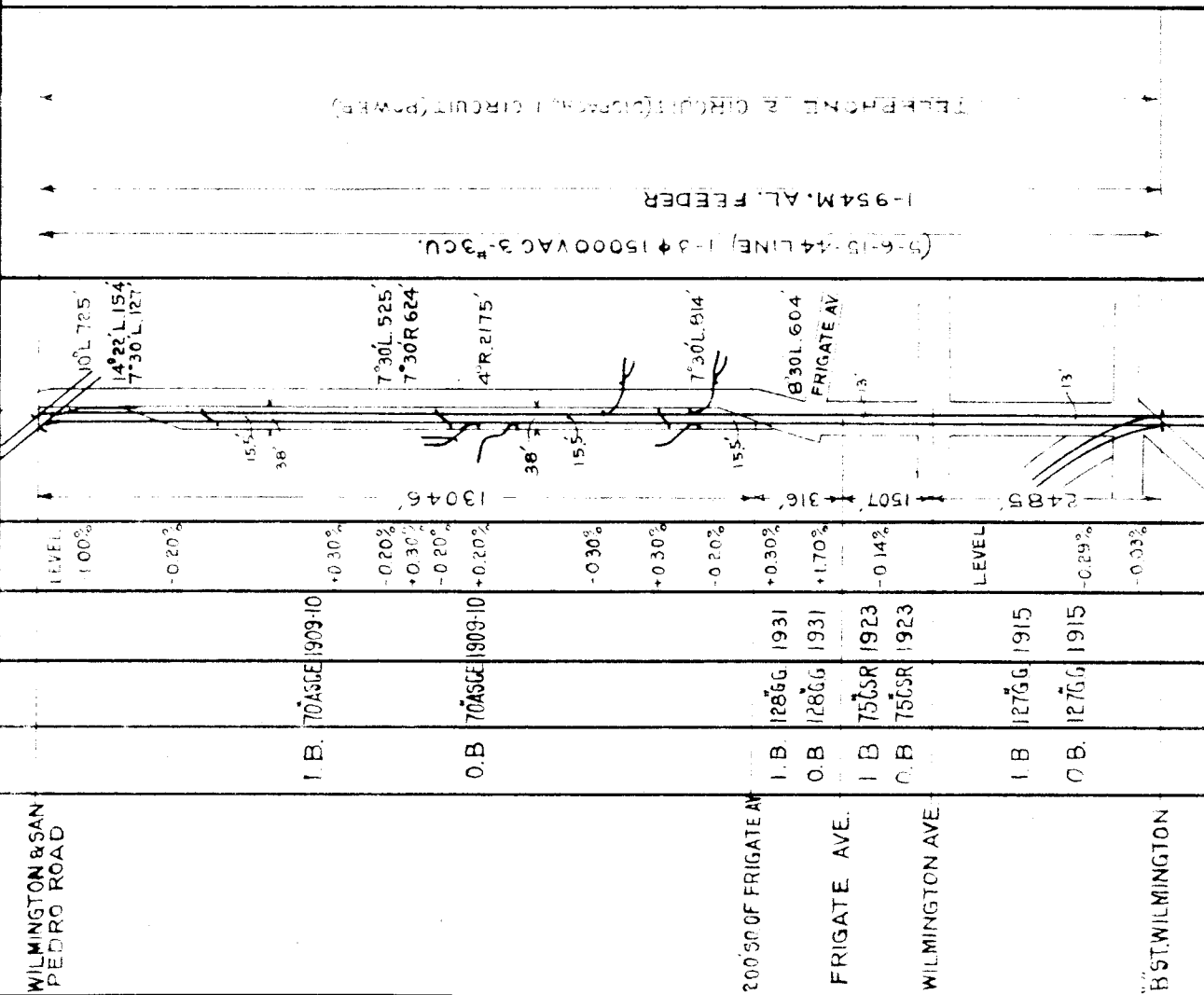
LOCATION	TRACK RAIL LAID	MAX GRADE	PLAN R of W & TRACK	OVERHEAD & SIGNALS	REMARKS
END	I. B. 60' ASCE 1915 O. B. 60' ASCE 1915	LEVEL	593'	1-600 M. CU. FEEDER	
14 <sup>TH</sup> STREET			2082'	2-600 M. CU. FEEDERS 2200V SIGNALS TELEPHONE & CIRCUIT (DISPATCH)	CONCRETE RETAINING WALL 1924-834-10
7 <sup>TH</sup> STREET	I. B. 70' ASCE 1924 O. B. 70' ASCE 1924	LEVEL	1368'		SAN PEDRO PASSENGER & FREIGHT STATION 1918-33192
4 <sup>TH</sup> STREET	I. B. 60' ASCE 1920 O. B. 60' ASCE 1920	-0.50% LEVEL	979'		
FIRST STREET	I. B. 60' ASCE 1905 O. B. 60' ASCE 1905	LEVEL			



# WILMINGTON - SAN PEDRO LINE

REMARKS

MAX. GRADE PLAN, R.O.S. & TRACK OVERHEAD & SIGNALS



WILMINGTON & SAN PEDRO ROAD

200' SO OF FRIGATE AV

FRIGATE AVE.

WILMINGTON AVE.

8' ST. WILMINGTON

I. B. 70ASCE 1909-10

O. B. 70ASCE 1909-10

I. B. 1285G 1931

O. B. 1285G 1931

I. B. 755SR 1923

O. B. 755SR 1923

I. B. 1275G 1915

O. B. 1275G 1915

LEVEL

LEVEL

# TORRANCE LINE

LOCATION	TRACK RAIL LAID	MAX. GRADE	PLAN OF W & TRACK	OVERHEAD & SIGNALS	REMARKS
OCEAN AVE.		+1.00%			
TORRANCE	SINGLE TRACK	-0.30%			FRAME & STUCCO PASSENGER & FREIGHT STATION-ACQUIRED 1922 #4266
	SINGLE TRACK	-0.54%			
	SINGLE TRACK	-0.24%			
	SINGLE TRACK	+0.38%			
DOLANCO	SINGLE TRACK	-0.26%			REINFORCED CONCRETE BRIDGE 1914 #17,655 P.E.R.Y. PORTION 8000
	SINGLE TRACK	+0.55%			
	SINGLE TRACK	+2.20%			
	SINGLE TRACK	+3.00%			

TELEPHONE 1-CIRCUIT (DISPATCH) & CIRCUIT (COMMERCIAL)

# LONG BEACH-WILMINGTON LINE

LOCATION	TRACK	RAIL	LAI	MAX GRADE	PLAN OF W & TRACK	OVERHEAD & SIGNALS	REMARKS
WILMINGTON	I. B.	70ASCE	1910			WILMINGTON SUBSTATION 1918. #5127-EQUIPMENT #35,000 AUTOMATIC SUBSTATION 1-W.E.M. 1000K.W.M.G. 1918 S.C.E. DELIVERY POINT	
SANFORD AVE	O. B.	70ASCE	1909	+0.10%		TELEPHONE 1 CIRCUIT (DISPATCH)	PILE TRESTLE 1922-2472
ALAMEDA ST	I. B.	60ASCE	1918				
	O. B.	70ASCE	1909	+0.06%			
ANAHEIM ST	SINGLE TRACK	70ASCE	1909	LEVEL			
	I. B.	60ASCE SOME STR	1918	LEVEL			
	O. B.	60ASCE	1909	-0.15%			
				0.6%			
	I. B.	60ASCE MOSTLY S.H.	1920-21	+0.15%			
	O. B.	60ASCE MOSTLY S.H.	1920-21	+0.15%			
7 <sup>TH</sup> & PICO AVE.	I. B.	75CSR	1920	-1.45%			
	O. B.	75CSR	1920	+1.45%		JOINT S.P. & P.E. FREIGHT STATION P.E. PORTION 1516	
7 <sup>TH</sup> & RIVERSIDE DR	I. B.	60ASCE	1920	+0.15%		BRIDGE OVER FLOOD CHANNEL BUILT BY L.A. COUNTY FLOOD CONTROL	
	O. B.	60ASCE	1920	-1.7%			
				+1.7%			
BROADWAY	I. B.	60ASCE	1920	LEVEL			
	O. B.	60ASCE	1920	+0.86%			
MORGAN AVENUE	SINGLE TRACK	70ASCE S.H.	1931	LEVEL			
	I. B.	70ASCE	1910	-0.8%			
	O. B.	60ASCE S.H.	1910	-1.4%			
	I. B.	128GG	1927	-0.9%			
	O. B.	128GG	1927	-1.0%			
GOLDEN AVE.	I. B.	128GG	1927	-0.67%			
	O. B.	128GG	1927	-1.7%			
DAISY AVE.							

# GARDENA-SAN PEDRO LINE

LOCATION	TRACK RAIL	LAID	MAX GRADE	PLAN OF W & TRACK	OVERHEAD & SIGNALS	REMARKS	
WILMINGTON ROAD	SINGLE TRACK	70" ASCE	-0.63% LEVEL		1-100M CU FEEDER 9425' 1-477M AL FEEDER 14627' (15-16-32 LINE) 1-3Φ-1500V A.C. 3-#3/0 CU 1-600M CU FEEDER	ANAHEIM ST. OVERHEAD CROSSING BUILT BY L.A. CITY 1920 VERMONT AVE OVERHEAD CROSSING BUILT BY L.A. COUNTY 1932	
			+1.00% LEVEL				TELEPHONE C-CIRCUIT (DISPATCH) C-CIRCUIT (COMM)
			-1.00% -0.14% -1.00%				
			+1.00% LEVEL				
OCEAN AVE.	SINGLE TRACK	70" ASCE	-0.25% +1.00% +0.60%	1-477M AL FEEDER 14627' (15-16-32 LINE) 1-3Φ-1500V A.C. 3-#3/0 CU 1-600M CU FEEDER	A.T. & S.F. RY. OVERHEAD CROSSING 1924		
			-0.67% +0.40%				
			-0.57%				
DOLANCO	SINGLE TRACK	70" ASCE	-0.15% +0.10% +0.97% -1.00%	1-477M AL FEEDER 14627' (15-16-32 LINE) 1-3Φ-1500V A.C. 3-#3/0 CU 1-600M CU FEEDER			
			-0.25%				
NORMANDIE AVE	I. B.	10" ASCE STAND 1912	-0.25%			HERMOSILLO SECTION CAMP 1913 3065	
HERMOSILLO	C. B.	75" CSR 1920					

# GARDENA-SAN PEDRO LINE

LOCATION	TRACK	RAIL	LAI	MAX GRADE	PLAN OF TRACK	OVERHEAD & SIGNALS	REMARKS
SAN PEDRO	I.B.	80 ASCE	1918			<p>(5-6-15-44 LINE) 1-3 # 1500 V.A.C. 3/30 CC.</p> <p>(15-16-32 LINE) 1-3 # 1500 V.A.C. 3/30 CC.</p> <p>1 500M CU. 1-600M CU. R. 1-954M AL FEEDERS</p> <p>TELEPHONE &amp; CIRCUIT DISPATCH CIRCUIT FEEDERS</p>	<p>SAN PEDRO SUBSTATION 1920-#16.611 EQUIPMENT 58972</p> <p>1-G.E. 1000KW. M.G. 1919, 1-G.E. 600KW. M.G. 1906, I.W.E.M. 400KW. M.G. 1905</p>
	O.B.	80 ASCE	1918	LEVEL			
ANCON ST.	DOUBLE TRACK		76 ASCE	LEVEL	+0.75%		
	1902- STANDARDIZED 1919-1918						
WILMINGTON ROAD							

# NEWPORT BEACH LINE

LOCATION	TRACK RAIL LAID	MAX. GRADE	PLAN OF W & TRACK OVERHEAD & SIGNALS	REMARKS
EAST LONG BEACH		+0.35%		EAST LONG BEACH FREIGHT & PASSENGER STATION 1922-#8608
	I. B. 60ASCE 1904	LEVEL		ORANE & HILL OVERHEAD CROSSING REINFOR CONC. 1932-#5324B
	O. B. 60ASCE 1904	LEVEL		LEMON ST. OVERHEAD CROSSING FRAME 1904-#884
		LEVEL		U.P.R.R. STEEL OVERHEAD CROSSING 1904-#9517. U.P. TRACK OUT. CALIFORNIA ST. OVERHEAD CROSSING FRAME 1904-#867
		LEVEL		NORTH LONG BEACH SUBSTATION 1925 #11808 EQUIPMENT #55416 AUTOMATIC SUBSTATION I.W.E.M. 1500 K.W. SYNCH. CONV. 1925
WILLOW ST.		+0.32%		

# NEWPORT BEACH LINE

LOCATION TRACK RAIL LAID MAX GRADE PLAN OF W & TRACK OVERHEAD & SIGNALS REMARKS

LOCATION	TRACK	RAIL LAID	MAX GRADE	PLAN OF W & TRACK OVERHEAD & SIGNALS	REMARKS
EASTSIDE	I.B. 75CSR O.B. 75CSR	1926	LEVEL		PILE TRESTLE 911'± 1926-#25768
ANAHEIM LANDING	I.B. 60ASCE O.B. 60ASCE	1904	LEVEL		L.A. COUNTY FLOOD CONTROL 321' STEEL GIRDER BRIDGE 1933-#56709
L.A. CO. FLOOD CHANNEL	SINGLE TRACK	60ASCE 1904	LEVEL		PILE TRESTLE 175'± 1935-#4378
NAPLES JUNCTION	I.B. 60ASCE O.B. 60ASCE	1904	LEVEL 0.50% 0.50% 0.50%		PILE TRESTLE 511'± 1930-#23619
EAST LONG BEACH					

# NEWPORT BEACH LINE

REMARKS

PLAN RAILS TRACK OVERHEAD & SIGNALS

LOCATION	TRACK RAIL	LAI	MAX GRADE	PLAN RAILS TRACK OVERHEAD & SIGNALS	REMARKS
6 <sup>TH</sup> ST HUNTINGTON BH	I.B.	75'CSR	1924		
	O.B.	75'CSR	1924		
23 <sup>RD</sup> ST HUNTINGTON BH	I.B.	75'CSR	1924		
	O.B.	75'CSR	1925		
BOLSA GUN CLUB	I.B.	75'CSR	1924		
	O.B.	75'CSR	1924		
LOS PATOS	I.B.	75'CSR	1922		LOS PATOS SUBSTATION BRICK 1905-#8438 EQUIPMENT #22294 1-W.E.M 600KW M G 1905 LOS PATOS SECTION CAMP 1925-#6261
	O.B.	75'CSR	1922		
17 <sup>TH</sup> ST SUNSET BEACH	I.B.	75'CSR	1923		
	O.B.	75'CSR	1924		
26 <sup>TH</sup> ST SUNSET BEACH	I.B.	75'CSR	1924		
	O.B.	75'CSR	1924		
BRIDGE PORT	I.B.	75'CSR	1921		
	O.B.	75'CSR	1924		
EASTSIDE	I.B.	75'CSR	1921		
	O.B.	75'CSR	1922		

# NEWPORT BEACH LINE

LOCATION	TRACK RAIL	LAI D	MAX GRADE	PLAN R OF W & TRACK OVERHEAD & SIGNALS	REMARKS
19 <sup>th</sup> ST BALBOA					NEWPORT BEACH SUBSTATION 1905-#5960 EQUIPMENT-#25699 1-W.E.M 600KW. M.G. 1906 S.C.E. DELIVERY POINT
19 <sup>th</sup> ST NEWPORT	SINGLE TRACK	60ASCE 1906	LEVEL		NEWPORT BEACH FREIGHT & PASSENGER STATION 1933-#10447
28 <sup>th</sup> ST NEWPORT	SINGLE TRACK	75CSR 1924	LEVEL		
	SINGLE TRACK	60ASCE 1905	-0.18%		
	SINGLE TRACK	75CSR 1923	-0.38%		
	SINGLE TRACK	75CSR 1923	-0.18%		EL MORO BRIDGE PILE TRESTLE 1921-#34266
	SINGLE TRACK		LEVEL		
	SINGLE TRACK		-0.30%		GAMEWELL BRIDGE PILE TRESTLE 1916-1927-#16833
	SINGLE TRACK		-0.60%		
END DOUBLE TRACK	I.B.	75CSR 1925	0.25%		
	O.B.	75CSR 1925	-0.88%		HUNTINGTON BEACH FREIGHT & PASSENGER STATION 1911-#3100

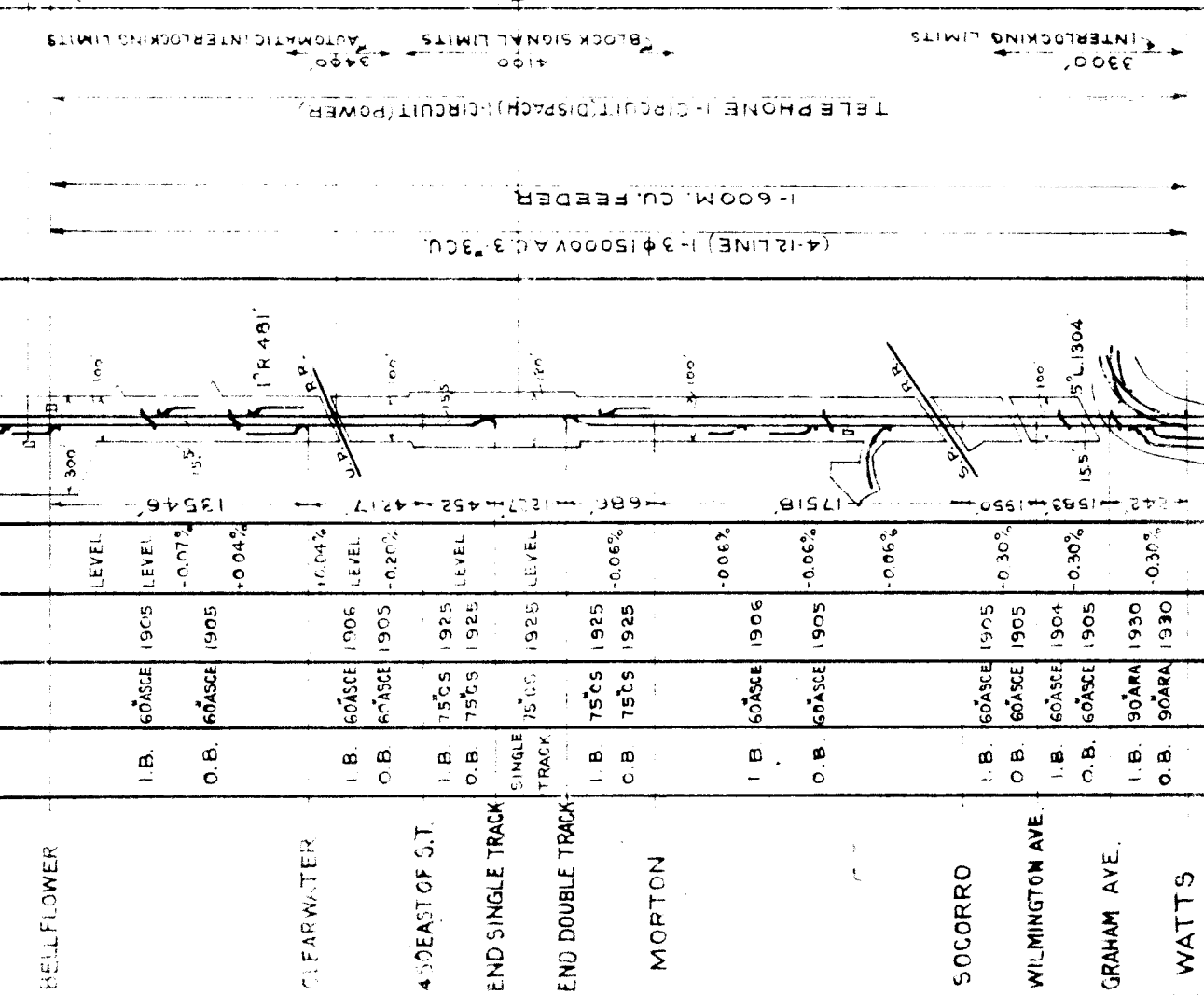
# SANTA ANA LINE

## REMARKS

### PLAN OF TRACK OVERHEAD & SIGNALS

BELLFLOWER FREIGHT PLATFORM-1913-#326.  
 BELLFLOWER PASSENGER STATION 1927-#289B.

LOCATION	TRACK RAIL	L AID	MAXI GRADE	PLAN OF TRACK OVERHEAD & SIGNALS	REMARKS
BELLFLOWER	I.B. O.B.	60ASCE 60ASCE	1905 1905	LEVEL LEVEL -0.07% +0.04%	
CLEARWATER	I.B. O.B.	60ASCE 60ASCE	1906 1905	LEVEL LEVEL -0.20%	
450EAST OF S.T.	I.B. O.B.	75CS 75CS	1925 1925	LEVEL LEVEL	
END SINGLE TRACK	SINGLE TRACK	75CS	1925	LEVEL	
END DOUBLE TRACK	I.B. O.B.	75CS 75CS	1925 1925	LEVEL LEVEL -0.06%	
MORTON	I.B. O.B.	60ASCE 60ASCE	1906 1905	LEVEL LEVEL -0.06% -0.06%	
SOCORRO	I.B. O.B.	60ASCE 60ASCE	1905 1905	LEVEL LEVEL -0.30%	
WILMINGTON AVE.	I.B. O.B.	60ASCE 60ASCE	1904 1905	LEVEL LEVEL -0.30%	
GRAHAM AVE.	I.B. O.B.	90ARA 90ARA	1930 1930	LEVEL LEVEL -0.30%	
WATTS					



LOS ANGELES RIVER BRIDGE-PILE TRESTLE & THRU PLATE GIRDER  
 1916-#49882.

LYNWOOD STATION 1930-#5488

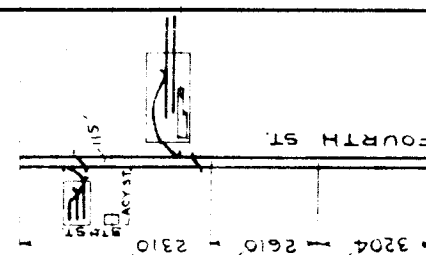
# SANTA ANA LINE

LOCATION	TRACK RAIL LAID	MAX GRADE	PLAN OF W & TRACK	OVERHEAD SIGNALS	REMARKS
CYPRESS	I. B.	LEVEL		<p style="text-align: center;">(12-13 LINE) 2-3-1500VAC 3-3CU</p> <p style="text-align: center;">1-600 M. C. C. FEEDER</p> <p style="text-align: center;">TELEPHONE DIRECT (0-99) 1500 VAC 1-600 M. C. C.</p> <p style="text-align: center;">AUTOMATIC BLOCK SIGNAL LIMITS</p>	CYPRESS PASSENGER STATION 1906 #1029
	O. B.	LEVEL			PILE TRESTLE 17' LONG - 1905 - #908. PILE TRESTLE 116' LONG - 1905 - #1380.
ARTESIA	I. B.	-0.15%		<p style="text-align: center;">(12-13 LINE) 2-3-1500VAC 3-3CU</p> <p style="text-align: center;">1-600 M. C. C. FEEDER</p> <p style="text-align: center;">TELEPHONE DIRECT (0-99) 1500 VAC 1-600 M. C. C.</p> <p style="text-align: center;">AUTOMATIC BLOCK SIGNAL LIMITS</p>	ARTESIA PASSENGER STATION - 1906 - #6288.
	O. B.	-0.17%			PILE TRESTLE 84' LONG - 1916 - #1257 PILE TRESTLE 65' LONG - 1905 - #729
END SINGLE TRACK	SINGLE TRACK	-0.09%		<p style="text-align: center;">(12-13 LINE) 2-3-1500VAC 3-3CU</p> <p style="text-align: center;">1-600 M. C. C. FEEDER</p> <p style="text-align: center;">TELEPHONE DIRECT (0-99) 1500 VAC 1-600 M. C. C.</p> <p style="text-align: center;">AUTOMATIC BLOCK SIGNAL LIMITS</p>	SAN GABRIEL RIVER BRIDGE 3-100 STEEL SPAN WITH PILE BENT APPROACHES - 1905, STEEL SPANS 1919 - #11238
PALO VERDE	I. B.	-0.09%			PILE TRESTLE 103' LONG - 1905 - #1026 PILE TRESTLE 208' LONG - 1905 - #5267.
BELLFLOWER	O. B.	-0.09%		<p style="text-align: center;">(12-13 LINE) 2-3-1500VAC 3-3CU</p> <p style="text-align: center;">1-600 M. C. C. FEEDER</p> <p style="text-align: center;">TELEPHONE DIRECT (0-99) 1500 VAC 1-600 M. C. C.</p> <p style="text-align: center;">AUTOMATIC BLOCK SIGNAL LIMITS</p>	BELLFLOWER SUBSTATION 1906 - #8543 - EQUIPMENT #22387. I. W. E. M. 600K. W. M. G. 1906

# SANTA ANA LINE

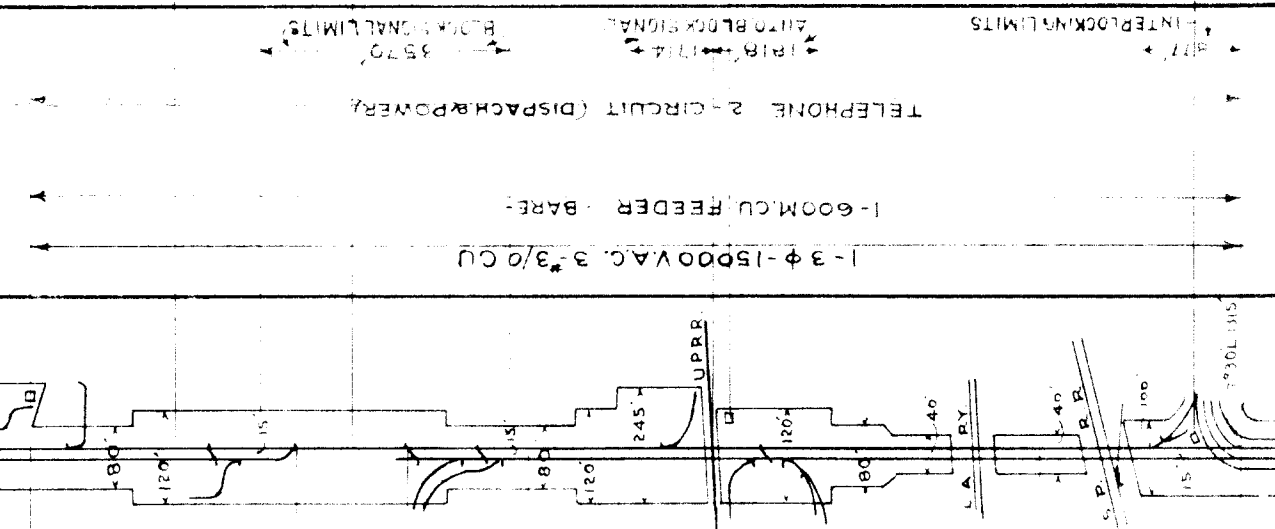
LOCATION	TRACK RAIL LAID	MAX GRADE	PLAN R.O.W. TRACK	OVERHEAD & SIGNALS	REMARKS
END DOUBLE TRACK	I.B. 70'ASCE 1910 O.B. 60'ASCE 1905	LEVEL		<p>1600 M.C.C. FEEDER</p> <p>(13-14 LINE) 2-3#1500VAC 3*3 CU</p> <p>TELEPHONE CIRCUIT (DISPATCH) CIRCUIT (POWER)</p> <p>AUTOMATIC BLOCK SIGNAL LIMITS</p>	PILE TRESTLE-65' LONG-1905 #2227
BUARO	I.B. 75'CS 1914 O.B. 60'ASCE 1905	+0.11%			
GARDEN GROVE AVE	I.B. 60'ASCE 1905 O.B. 60'ASCE 1905	-0.05%			GARDEN GROVE PASSENGER & FREIGHT STATION 1906 #6383
GARDEN GROVE	I.B. 75'CS 1914 O.B. 60'ASCE 1905	-0.05%			
STANTON	I.B. 60'ASCE 1905 O.B. 60'ASCE 1905	+0.18%			STANTON PASSENGER STATION 1913 #1018 STANTON SUBSTATION 1905 #8429 EQUIPMENT #18783 1 W.E.M. 400K.V.M.G. 1905
500 WEST S.P.R.R.	I.B. 60'ASCE 1906 O.B. 60'ASCE 1905	LEVEL			PILE TRESTLE-145' LONG 1905 #3589
CYPRESS					

# SANTA ANA LINE

LOCATION	TRACK RAIL LAID	MAX. GRADE	PLAN R of W & TRACK	OVERHEAD & SIGNALS	REMARKS
BREEDEN ST END	I. B. 75CSR O. B. 75CSR	+0.68% +0.36%			SANTA ANA SUBSTATION 1906 #6036 - EQUIPMENT 24436 LOCATED AT 5th & LACY ST I-W.E.M. 600 K.W.M.G. 1906.
FRENCH ST.	I. B. 6"72" O. B. 6"72"	+0.26% LEVEL +0.43%			SANTA ANA PASSENGER & FREIGHT STATION 1927-#26239
ROSS STREET	I. B. 75CSR O. B. 75CSR	+0.95% +0.54%			
BAKER ST.	I. B. 75CSR O. B. 75CSR	+0.53% -0.30%			
HESPERIAN ST.	I. B. 75CSR O. B. 75CSR	+0.16% +0.73%			
ARTESIA ST.	I. B. 75CSR O. B. 75CSR	+0.43% -0.10%			
5th STREET	I. B. 60ASCE O. B. 60ASCE	LEVEL -0.32%			PILE TRESTLE 811 LONG 1905-#1466
END SINGLE TRACK	SINGLE TRACK 60ASCE	LEVEL +0.31%			
SANTA ANA RIVER	SINGLE TRACK 70ASCE	LEVEL			SANTA ANA RIVER BRIDGE - 2-135' STEEL PEGRAM TRUSSES WITH PILE TRESTLE APPROACH, 1970' - 1921-#61087.
END DOUBLE TRACK					

# WHITTIER LINE

LOCATION	TRACK RAIL LAID	MAX. GRADE	PLAN OF W & TRACK	OVERHEAD & SIGNALS	REMARKS
LAGUNA		+0.32%		LAGUNA SUBSTATION - ABANDONED 1937	
END OF SINGLE TRACK		LEVEL			
	I. B. 60 ASCE 1904	LEVEL			PILE TRESTLE 60' 1903 - #655
	O. B. 60 ASCE 1903	LEVEL			
		LEVEL			
WALKER	SINGLE TRACK	LEVEL			
	I. B. 75 CS 1914	LEVEL			
	O. B. 75 CS 1914	-0.25%			LOS ANGELES RIVER BRIDGE 241 1/2 STEEL GIRDERS & 239' ± PILE TRESTLE APPROACHES - 1929 - #40179
ALAMO AVE.		-0.25%			
		-0.28%			
	I. B. 60 ASCE 1904	-0.28%			BELL AUTOMATIC INTERLOCKING PLANT 1927 - #22,574
	O. B. 60 ASCE 1903	-0.06%			
		-0.06%			
		-0.06%			
ALBANY ST.	I. B. 60 ASCE 1903	+0.10%			
	O. B. 60 ASCE 1903	-0.08%			
SLAUSON JCT.					
					SLAUSON SUBSTATION 1928 #6224 EQUIPMENT #33,413 AUTOMATIC SUBSTATION I-G.E. 1000 K.W. SYNCH. CONV. 1919



LAGUNA SUBSTATION - ABANDONED 1937

PILE TRESTLE 60' 1903 - #655

LOS ANGELES RIVER BRIDGE 241 1/2 STEEL GIRDERS & 239' ± PILE TRESTLE APPROACHES - 1929 - #40179

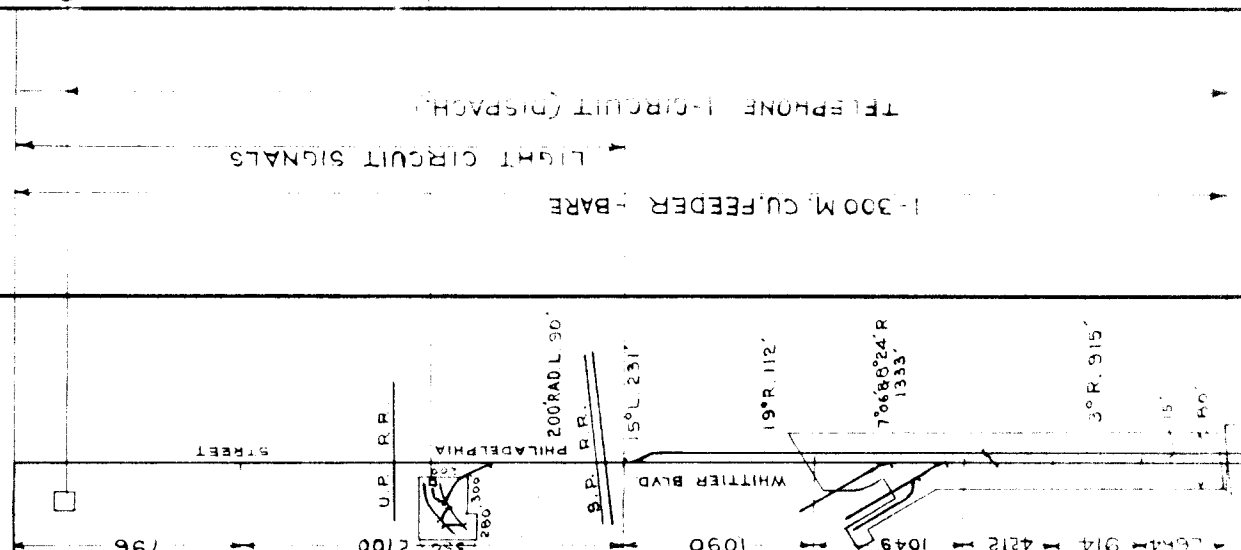
BELL AUTOMATIC INTERLOCKING PLANT 1927 - #22,574

SLAUSON SUBSTATION 1928 #6224 EQUIPMENT #33,413  
AUTOMATIC SUBSTATION I-G.E. 1000 K.W. SYNCH. CONV. 1919



# WHITTIER LINE

LOCATION	TRACK	RAIL LAID	MAX. GRADE	PLAN R.O.W.	TRACK	OVERHEAD & SIGNALS	REMARKS
GREENLEAF AVE			+2.30%				
MILTON ST.	SINGLE TRACK	128CG 1925	+3.80%				WHITTIER PASSENGER DEPOT BUILDING LEASED 1928. 4-025
	SINGLE TRACK	75CS 1916	+4.00%				
PHILADELPHIA ST.	SINGLE TRACK		+1.60%				WHITTIER FREIGHT STATION 1915-1921. 4-105
	SINGLE TRACK		+2.10%				
EL RANCHITO	I.B.	128CG 1926	+2.80%				
	O.B.	128CG 1926	+1.20%				
PACKING HOUSE	I.B.	70ASCE S.H. 1910	+2.50%				
	O.B.	60ASCE 1903	+2.50%				
500' NORTH OF ELI	I.B.	75CS 1925	+2.10%				
	O.B.	60ASCE 1903	+1.00%				
500' SOUTH OF ELI	I.B.	70ASCE 1910	+0.06%				
	O.B.	60ASCE 1903	+0.06%				
KING	I.B.	60ASCE 1910	+0.06%				
	O.B.	60ASCE 1903	+0.06%				





# LA HABRA LINE

LOCATION	TRACK	RAIL LAID	MAX GRADE	PLAN-R.O.W.	TRACK	OVERHEAD & SIGNALS	REMARKS
LOFTUS	SINGLE TRACK	70ASCE 1910	+0.20% +0.46% -0.20% -0.20% +0.20%	200'	333.5' 100' 145' 149.4' 120' 155' 343'	1-954 M. AL. FEEDER - BARE 1-3Φ-15000 V A.C. 3-3/0 CU. TELEPHONE & CIRCUIT (DISPATCH & POWER) TELEPHONE & CIRCUIT (DISPATCH)	LOFTUS FREIGHT & PASSENGER STATION 1908-4593  { BREA SUBSTATION 1908-983-EQUIPMENT #18,180 1-W.E.M. GOOK W. M.G. 1911-EMERGENCY DELIVERY SERVICE FROM S.C.E.C.O. BREA FREIGHT & PASSENGER STATION 1908-6508 REINFORCED CONCRETE BRIDGE 1910-7855
PILLSBURY	SINGLE TRACK	70ASCE 1926	+0.20% +0.75%		155' 225'		
STEWART	SINGLE TRACK	70ASCE 1908	+0.20% +0.75%		323' 225'		
LAON JUNCTION			+0.75%		120'		



# LA HABRA-FULLERTON LINE

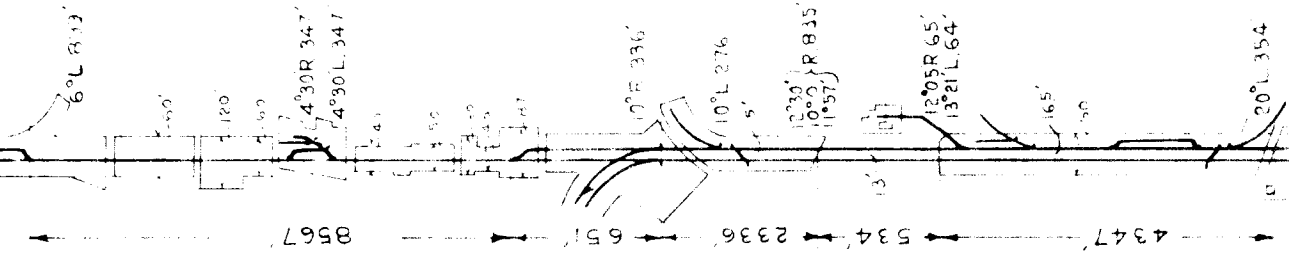
LOCATION	TRACK	RAIL LAID	MAX. GRADE	PLAN-R.O.T. & TRACK	OVERHEAD & SIGNALS	REMARKS
SPADRA RD.			-1.5%			SPADRA RD. REINFORCED CONCRETE UNDERCROSSING 1917-#9365 REINFORCED CONCRETE UNDERCROSSING 1917-#3494
			-1.5%			REINFORCED CONCRETE OVERHEAD CROSSING 1917-#3857
			-0.2%			REINFORCED CONCRETE UNDERCROSSING 1917-#8105
	SINGLE TRACK	60" GAUGE	-0.2%			
			-1.5%		1-300 M. CU. FEEDER - BARE	REINFORCED CONCRETE OVERHEAD CROSSING 1917-4347
			-1.5%		TELEPHONE - CIRCUIT (DISPATCH)	REINFORCED CONCRETE UNDERCROSSING 1917-#5025
			+1.5%			REINFORCED CONCRETE CULVERT 1917-#1295
			+1.5%			REINFORCED CONCRETE UNDERCROSSING 1917-#1670
LAON JUNCTION			+0.45%			





# WATTS-REDONDO LINE

LOCATION	TRACK	RAIL LAID	MAX GRADE	PLAN OF W&T TRACK OVERHEAD & SIGNALS	REMARKS
BRIDGEDALE			+0.73% LEVEL	↑	
			LEVEL 0.19%	↑	
	SINGLE TRACK LAYED IN NEW LOCATION 1928	75" C.S. 1911	+0.24%	↑	89' PILE TRESTLE 1929 #254B
			LEVEL 0.04%	↑	
			+0.20%	↑	
			+0.26%	↑	
			+0.40%	↑	
END DOUBLE TRACK				↑	
	I.B. 60" ASSE 1928 O.B. 66" ASSE 1928		LEVEL	↑	
MERMOSILLO				↑	
	STAND GAUGED 1912 I.B. 60" ASSE 1903 O.B. 75" C.S. 1911		LEVEL	↑	
165 <sup>TH</sup> STREET			-0.43%	↑	
	I.B. 128" G. 1938 O.B. 128" G. 1938		-0.43%	↑	
164 <sup>TH</sup> STREET				↑	
	I.B. 60" ASSE 1903 O.B. 70" ASSE 1901 STAND GAUGED 1912 SHIFTED 1914		-0.43%	↑	
STRAWBERRY PARK			-0.25%	↑	



GARDENA PASSENGER & FREIGHT STATION 1924 #3049

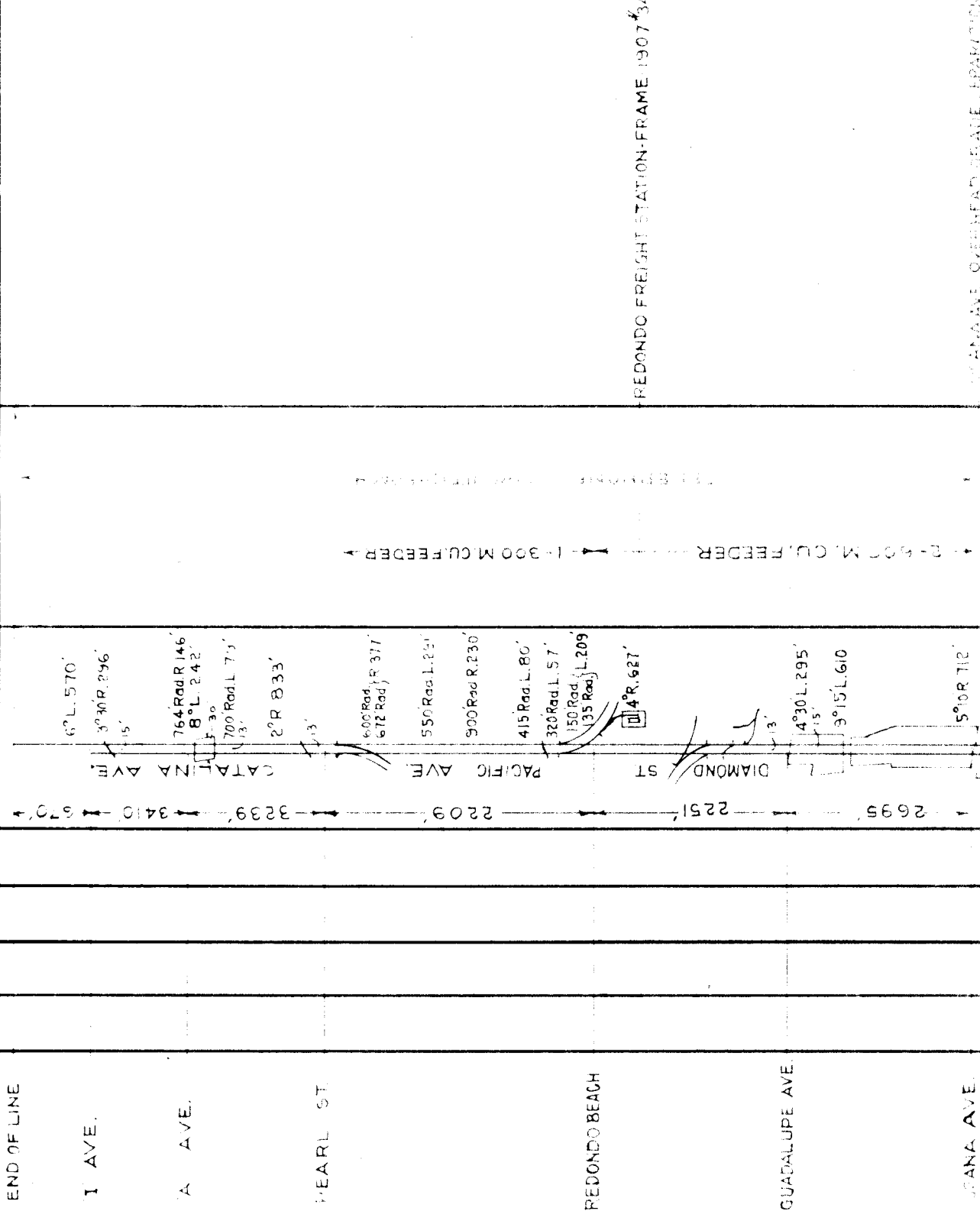
STRAWBERRY PARK SUBSTATION 1906 #12652  
ABANDONED 1917

# WATTS - REDONDO LINE

LOCATION	TRACK RAIL	LAID	MAX GRADE	PLAN R.O.W. & TRACK	OVERHEAD & SIGNALS	REMARKS
SUSANA AVE.			+0.39%			5 SUSANA AVE. OVERHEAD GRADE SEPARATION 1932 P.E.R.Y. SHARE 2000
EL NIDO (1829 ST)	I.B. 60 ASCE 1903 O.B. 60 ASCE 1903 STAND GAUGE 1912		+0.25% +0.38% +0.38%			52' THRU GIRDER BRIDGE OVER P.E.R.Y.  EL NIDO SUBSTATION BRICK BLDG 1906-9132 EQUIPMENT 3214 1-W.E.M. 1000KW M.G. 1911 (NOT OPERATED) S.C.E.C.O. DELIVERY POINT
EL NIDO	I.B. 60 ASCE 1903 O.B. 60 ASCE 1903 STAND GAUGE 1912 SHIFTED 1928 NEW LOCATION		LEVEL +1.00% LEVEL +0.48%			
PLEASANT VIEW	SINGLE TRACK STAND GAUGE 1912 RELAIED IN NEW LOCATION - 1928		+0.45% +0.21% +0.35% +0.75%			
BRIDGEDALE	I.B. 60 ASCE 1903 O.B. 70 ASCE 1907 STAND GAUGE 1912		+0.15% +0.45% +0.45% +0.73%			

# WATTS-REDONDO LINE

LOCATION TRACK RAIL LAID <sup>MAX</sup> GRADE PLAN R.O.F. TRACK OVERHEAD & SIGNALS REMARKS



CANA AVE. OVERHEAD USE SEPARATION 30' FROM TRACK