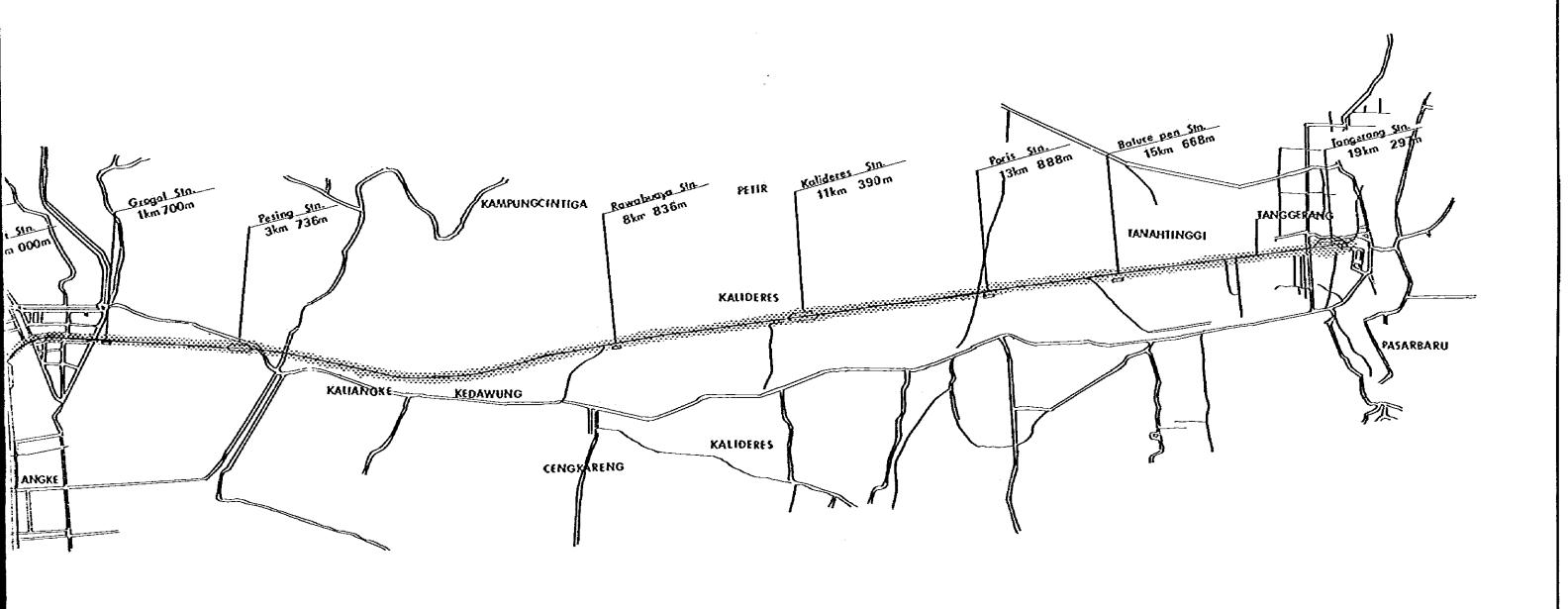


Appendix Fig. 9

Layout of Track Renewal in

JABOTABEK Area Transports



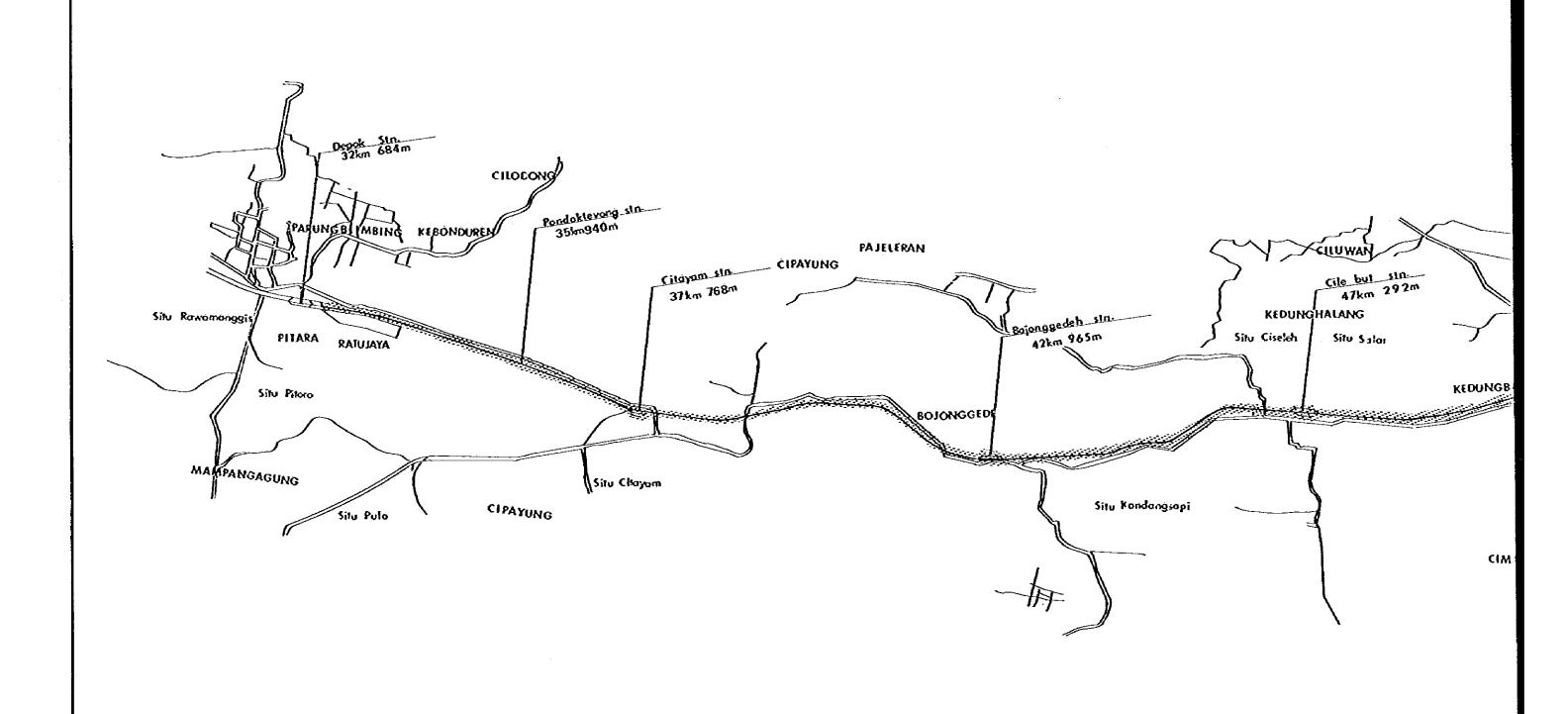
Appendix Fig. 9

Layout of Track Renewal in Tangerang Line

Existing Rail

Renewal of Rail

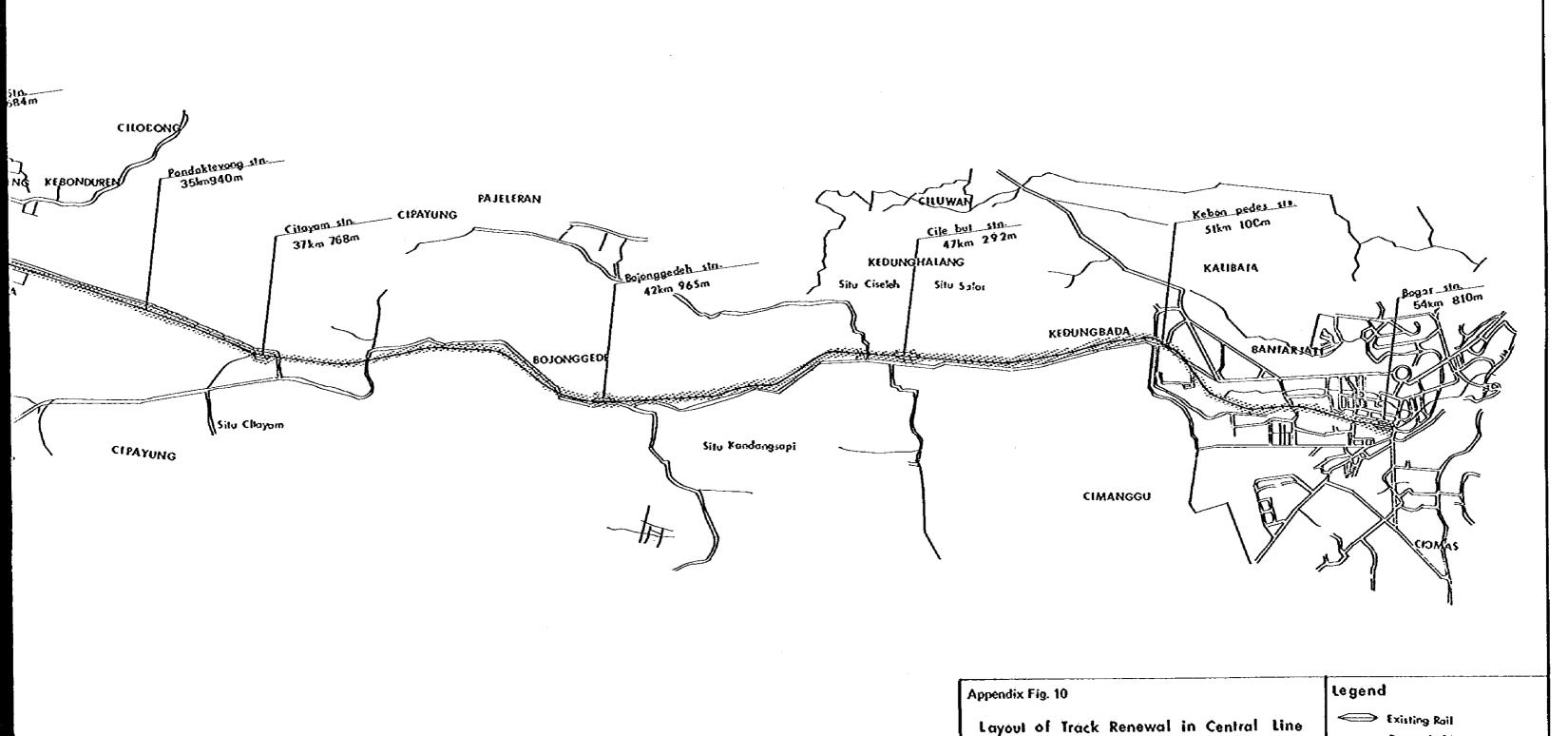
ARYSK Ballost



Appendix Fig. 10

Layout of Track

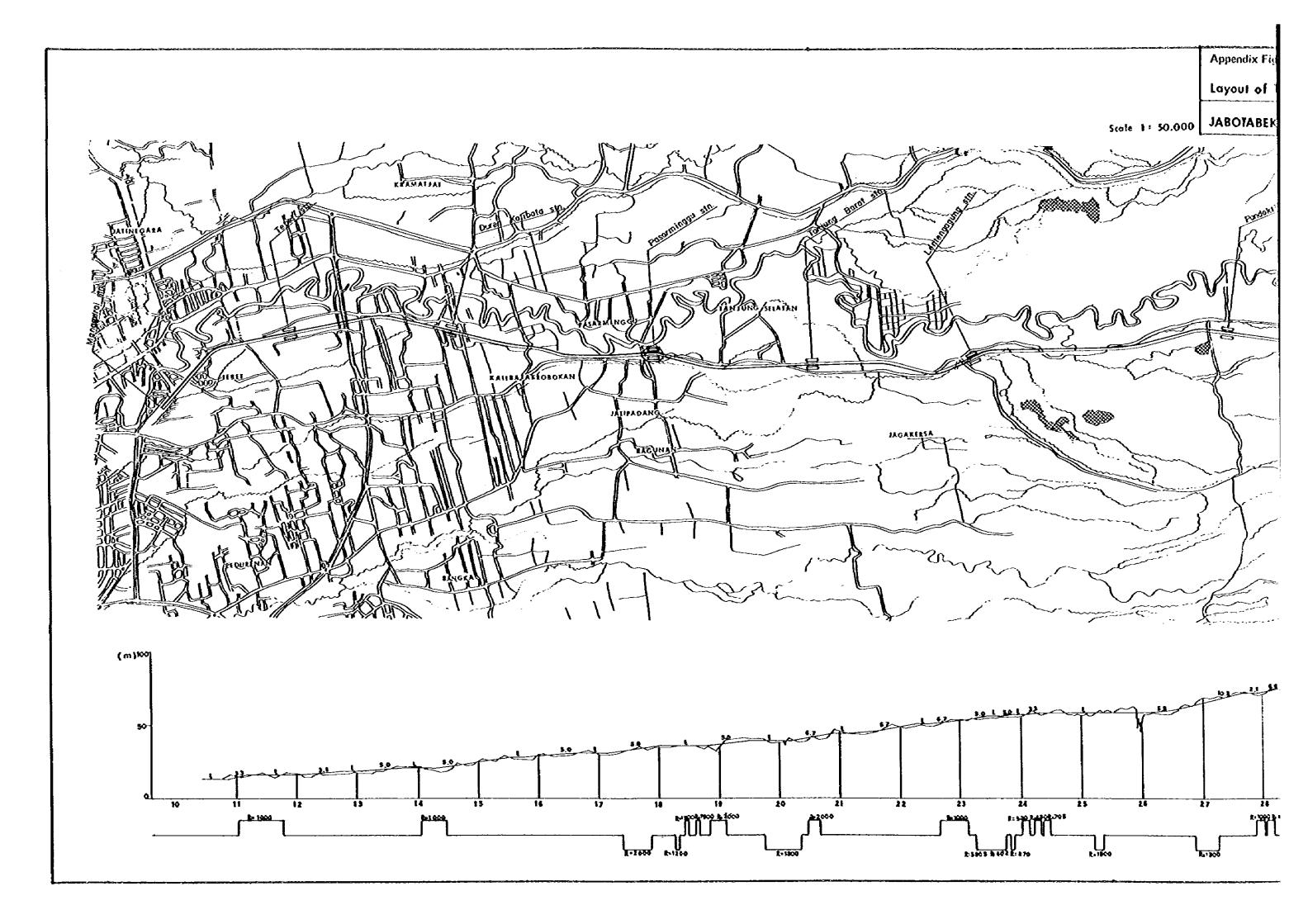
JABOTABEK Area

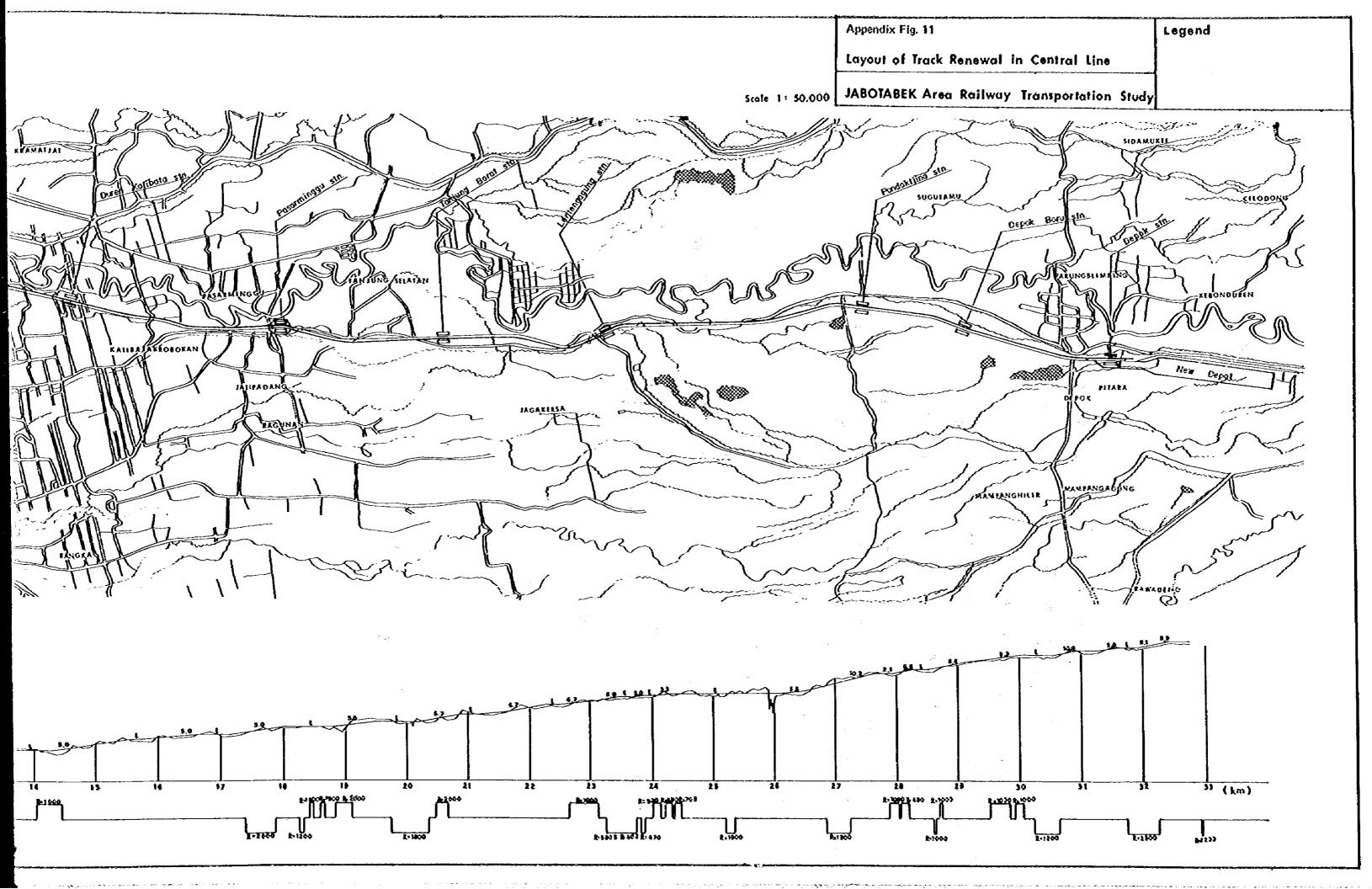


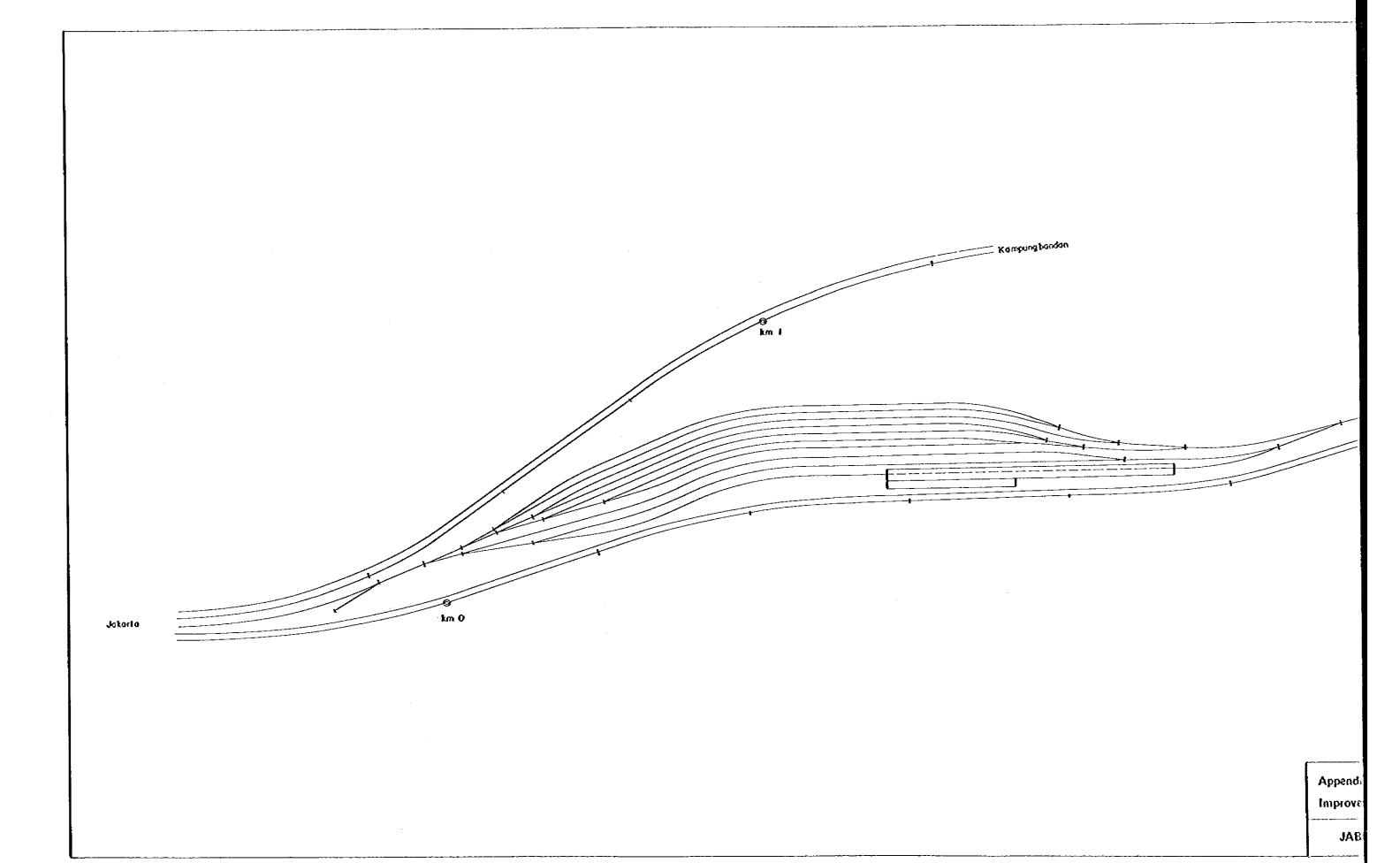
- Renewal of Rail

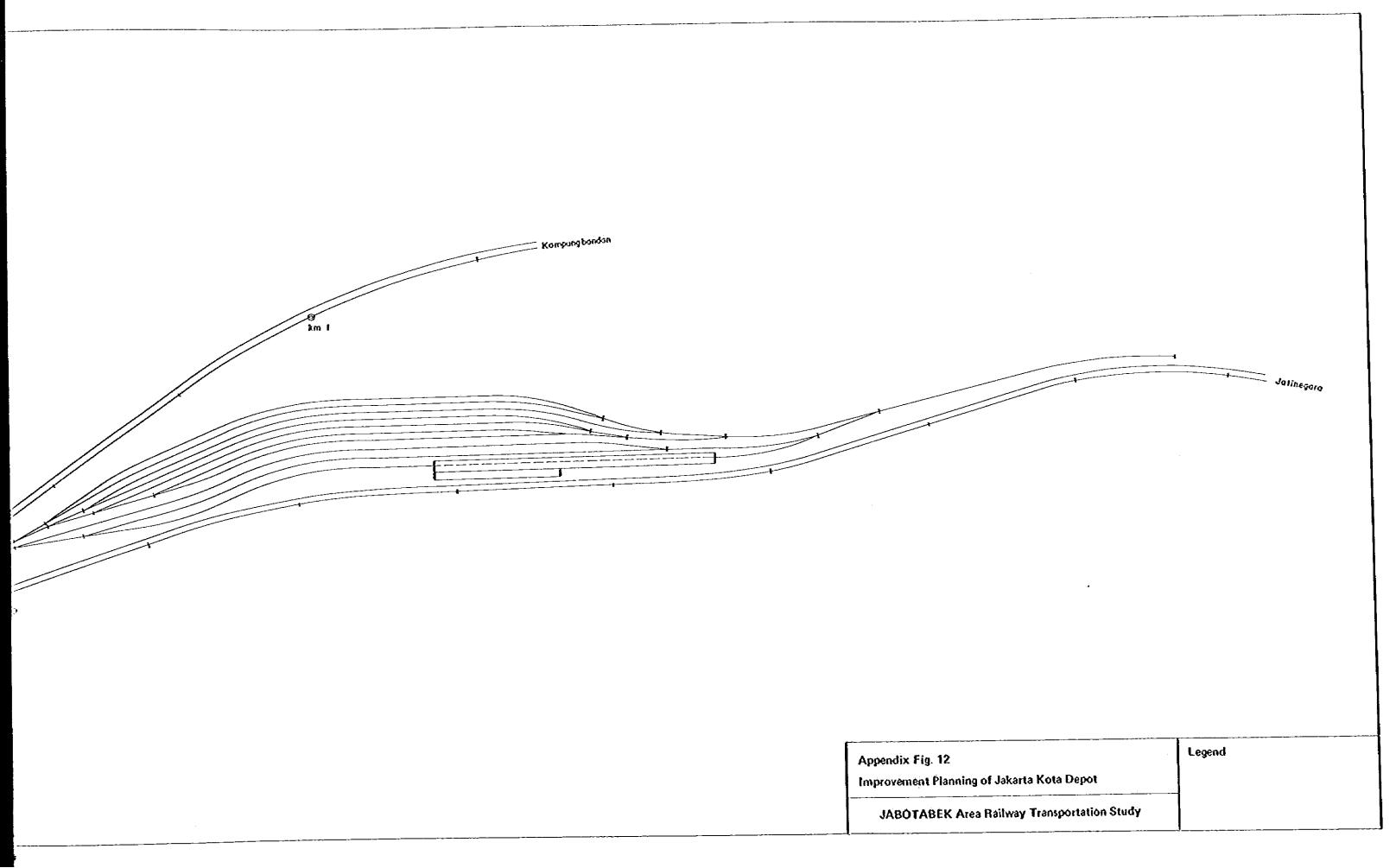
www.Bollost

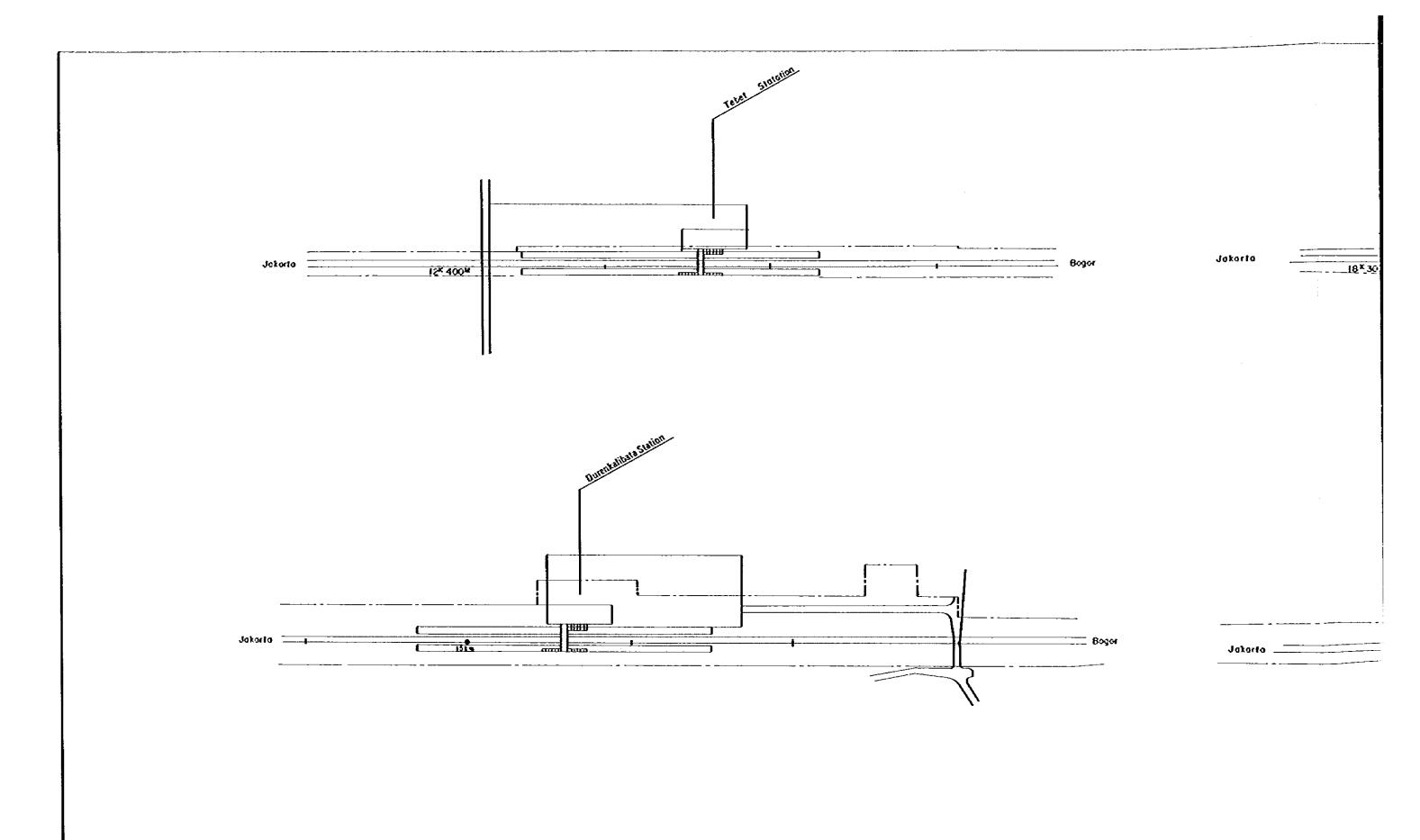
JABOTABEK Area Railway Transportation Study

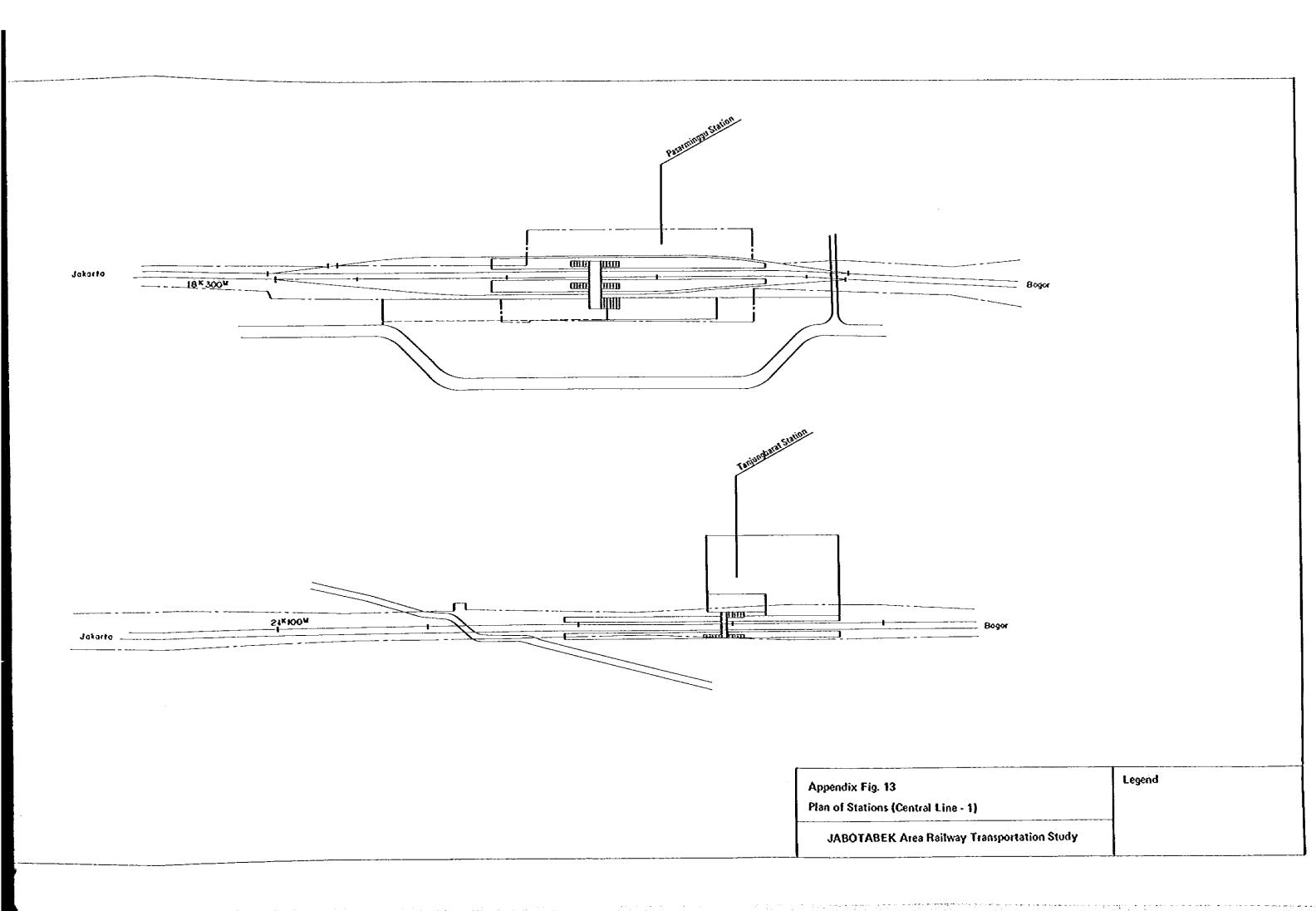


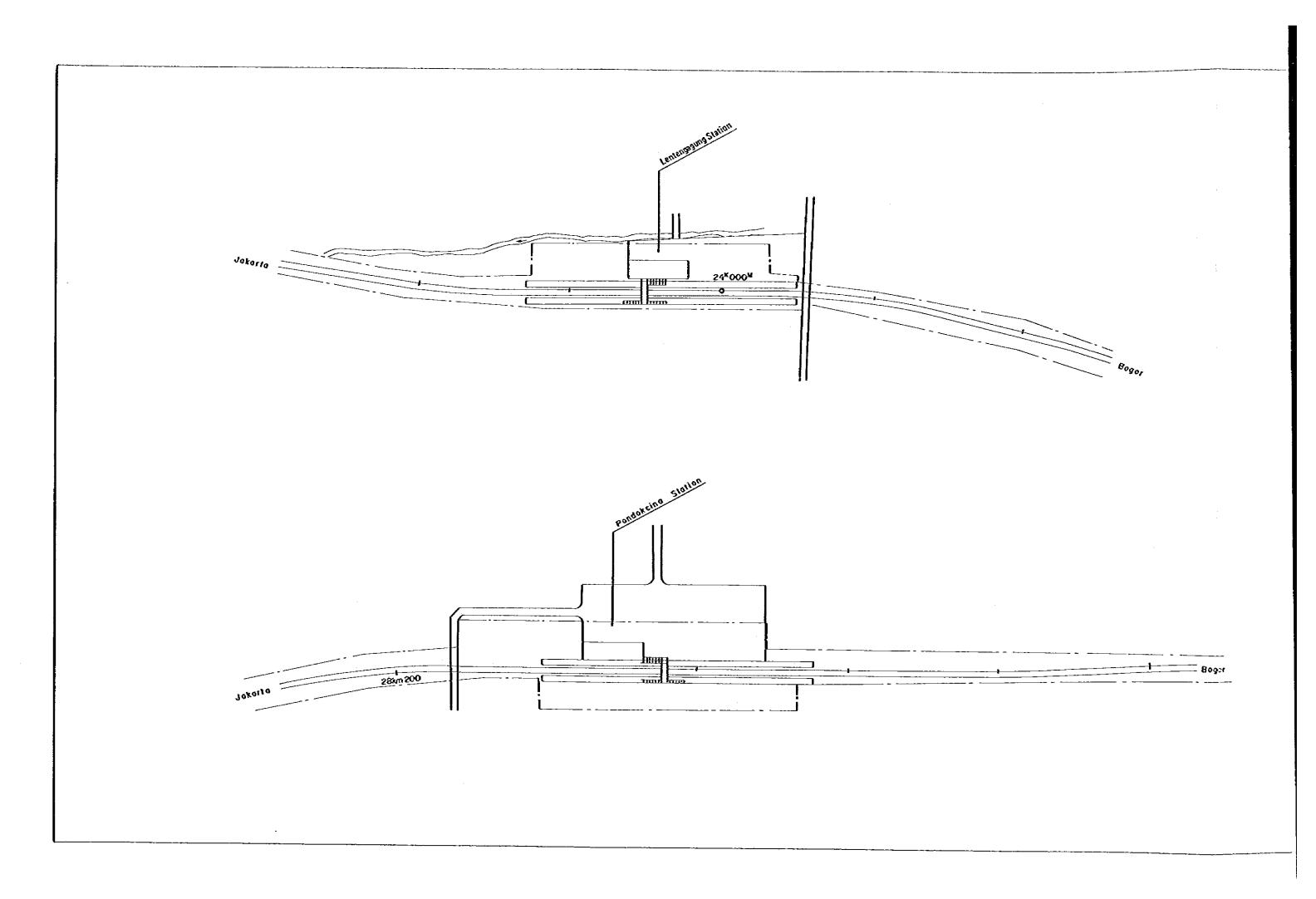


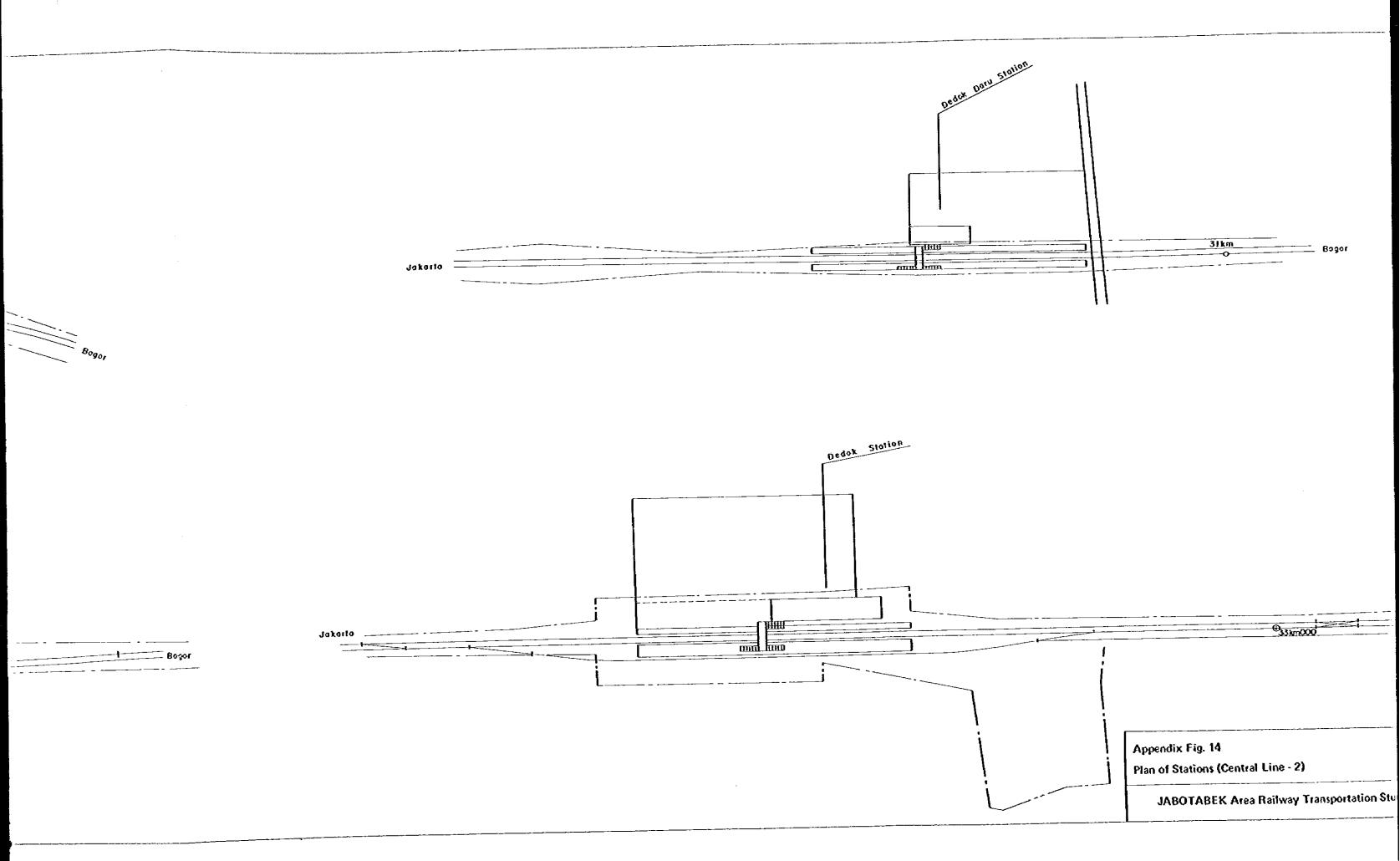


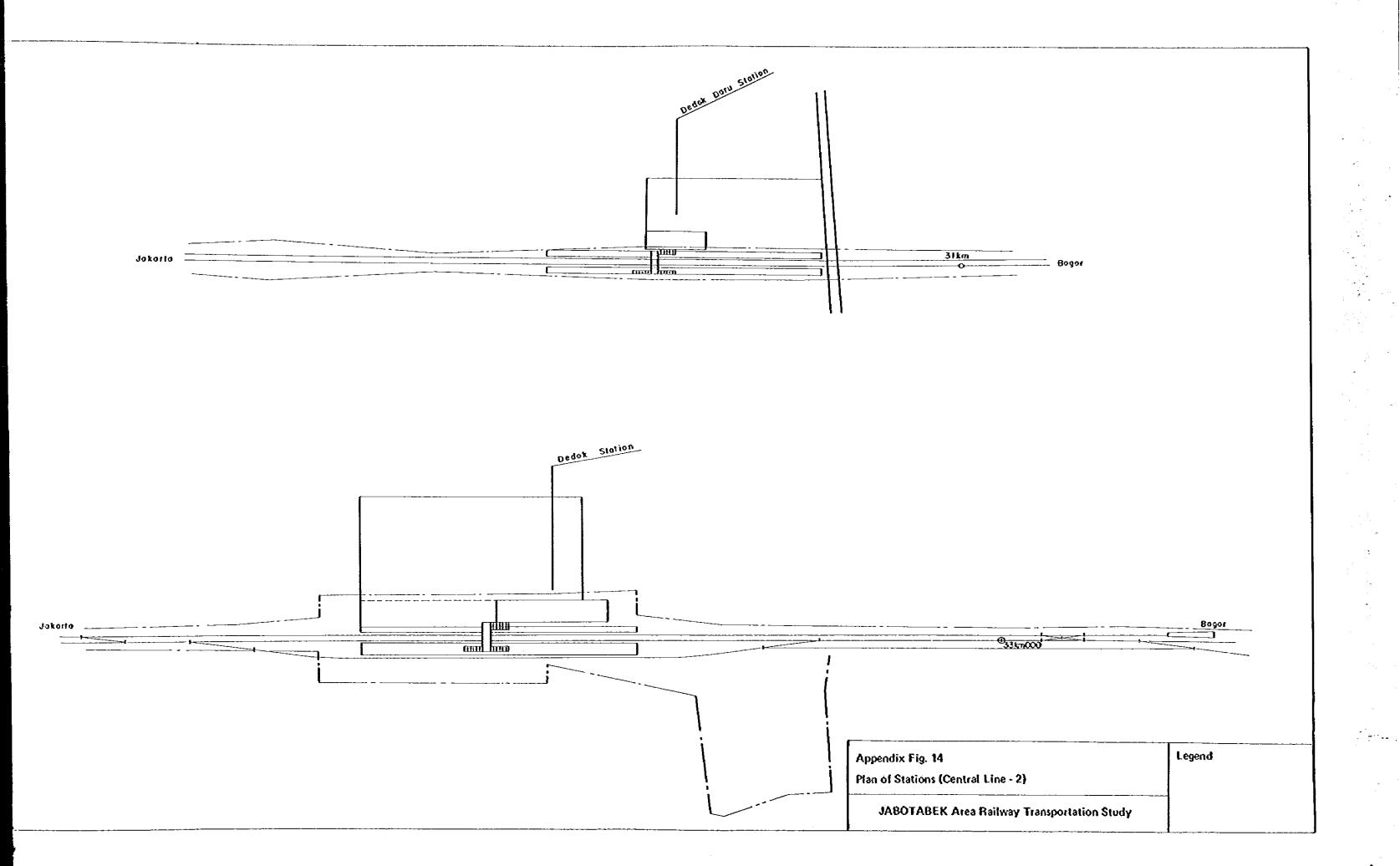


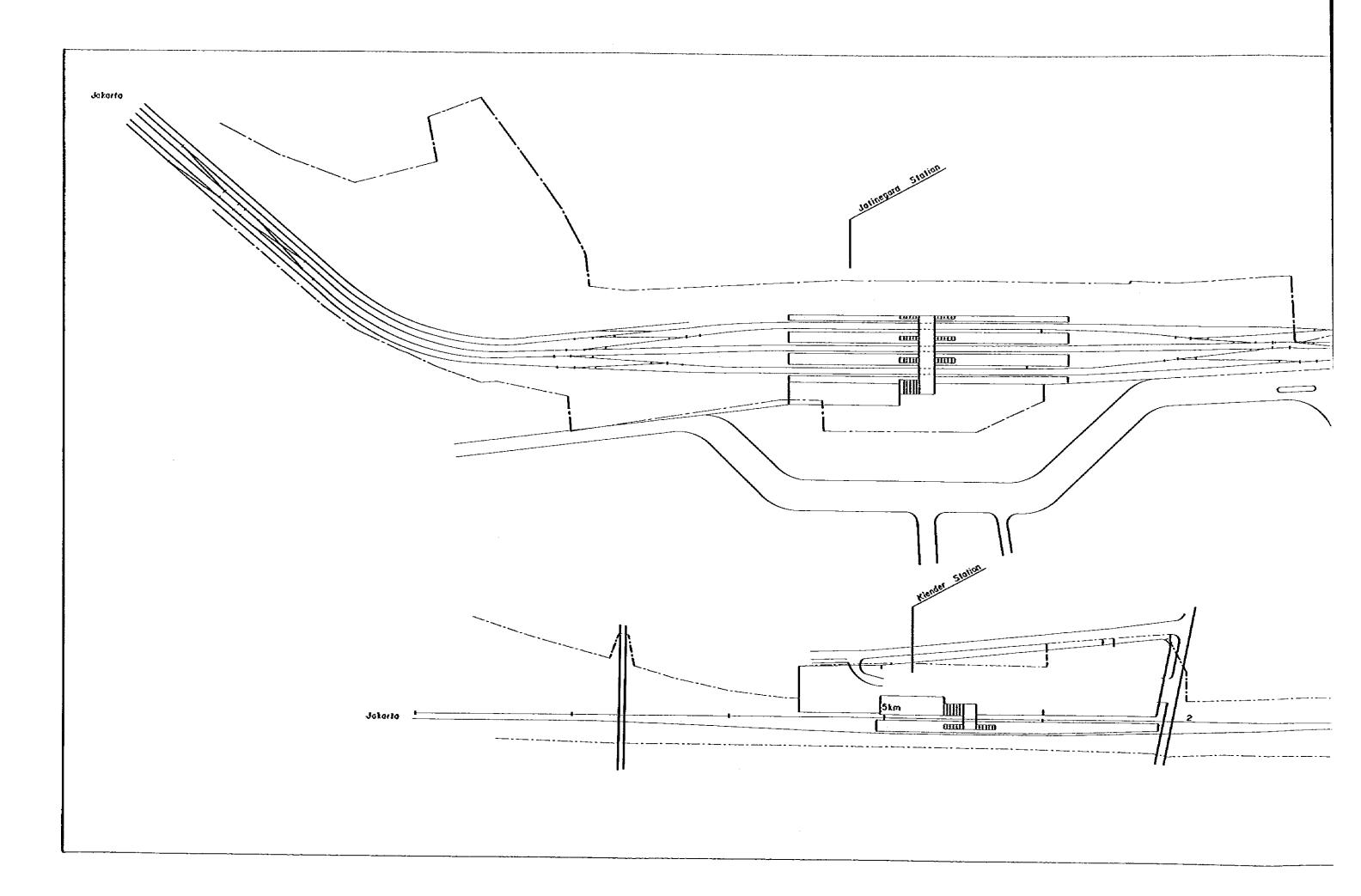


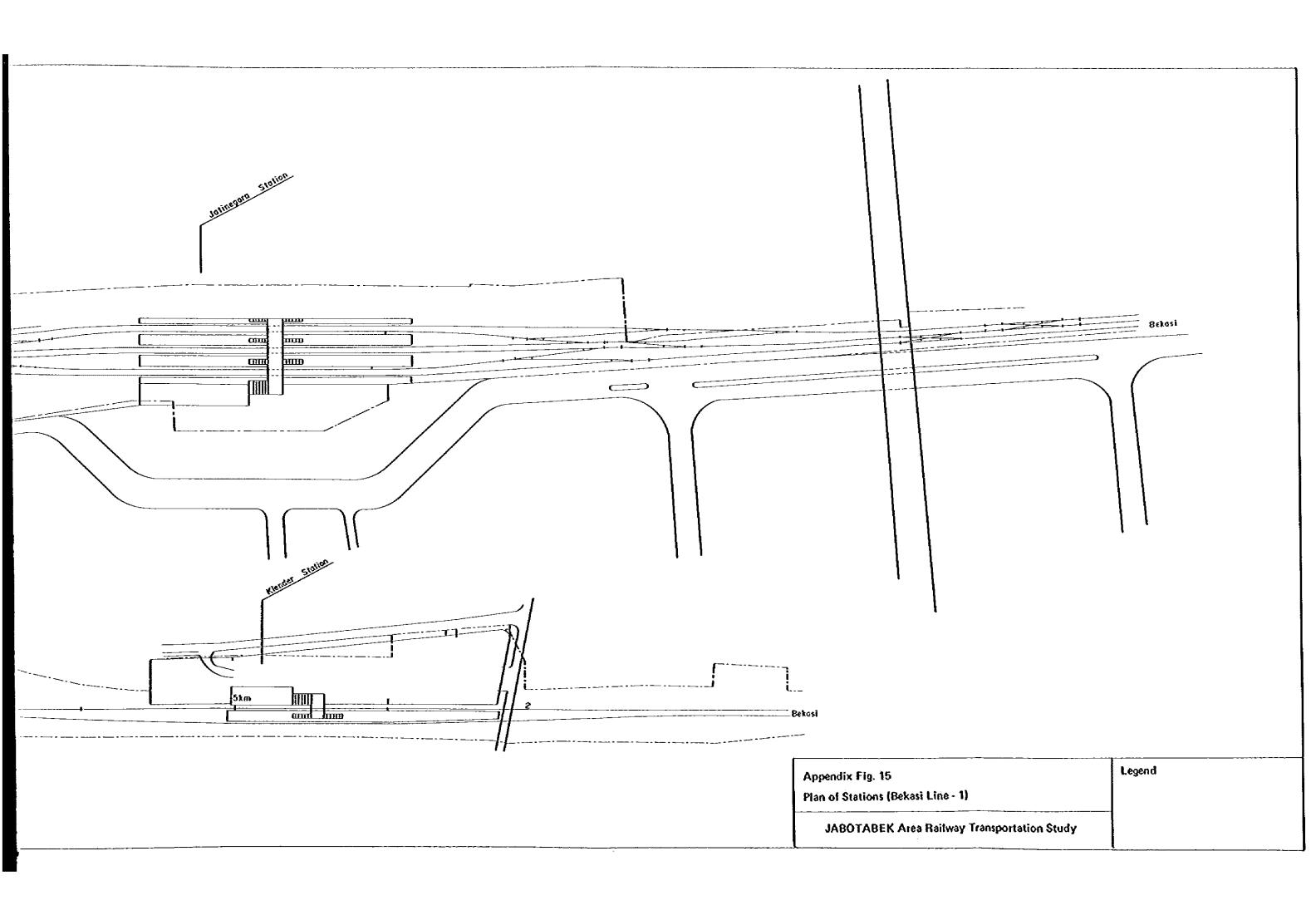


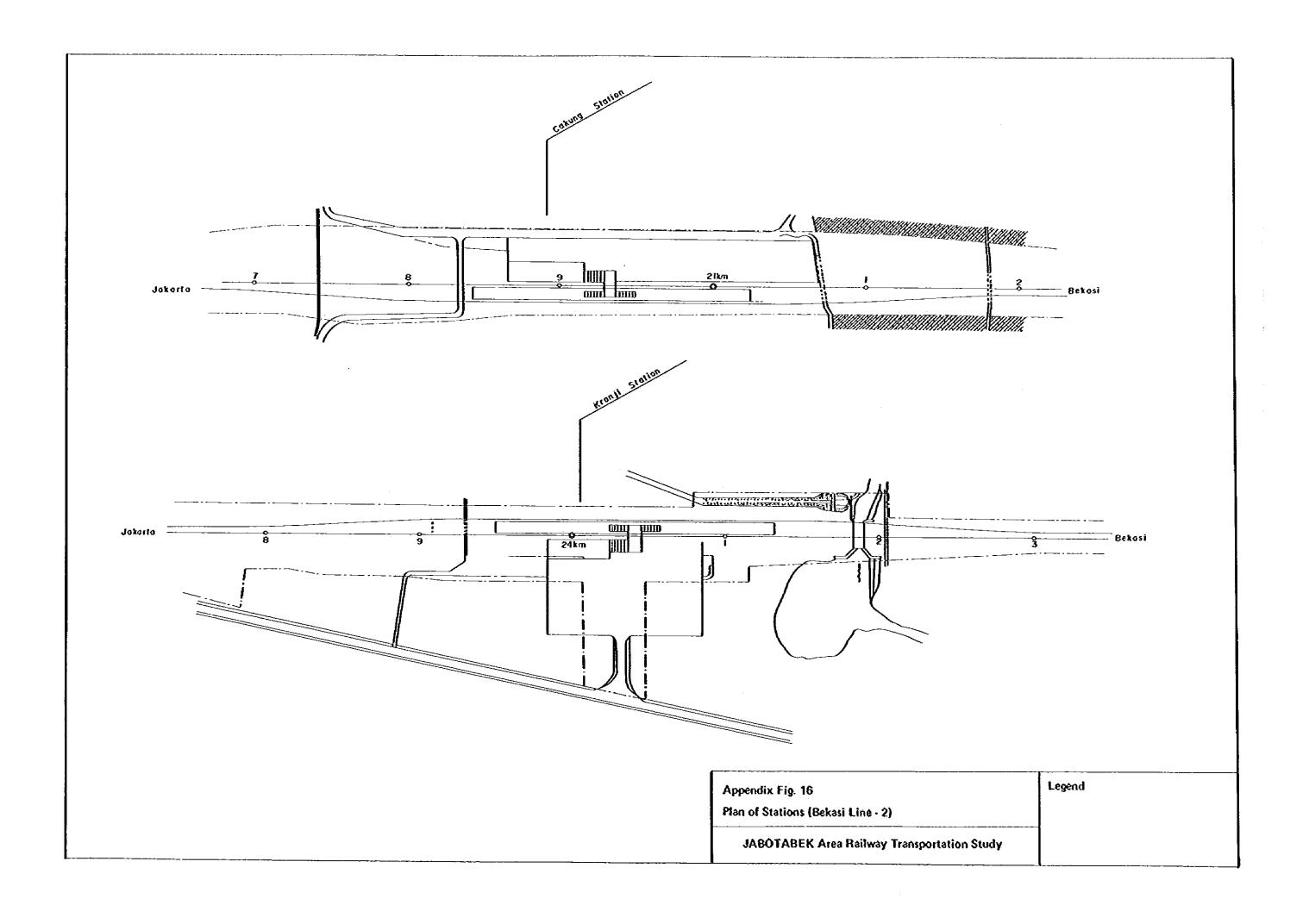


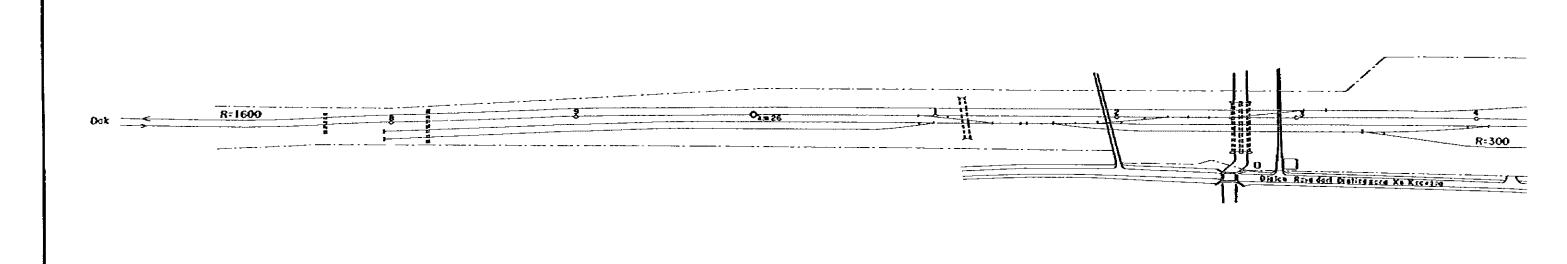


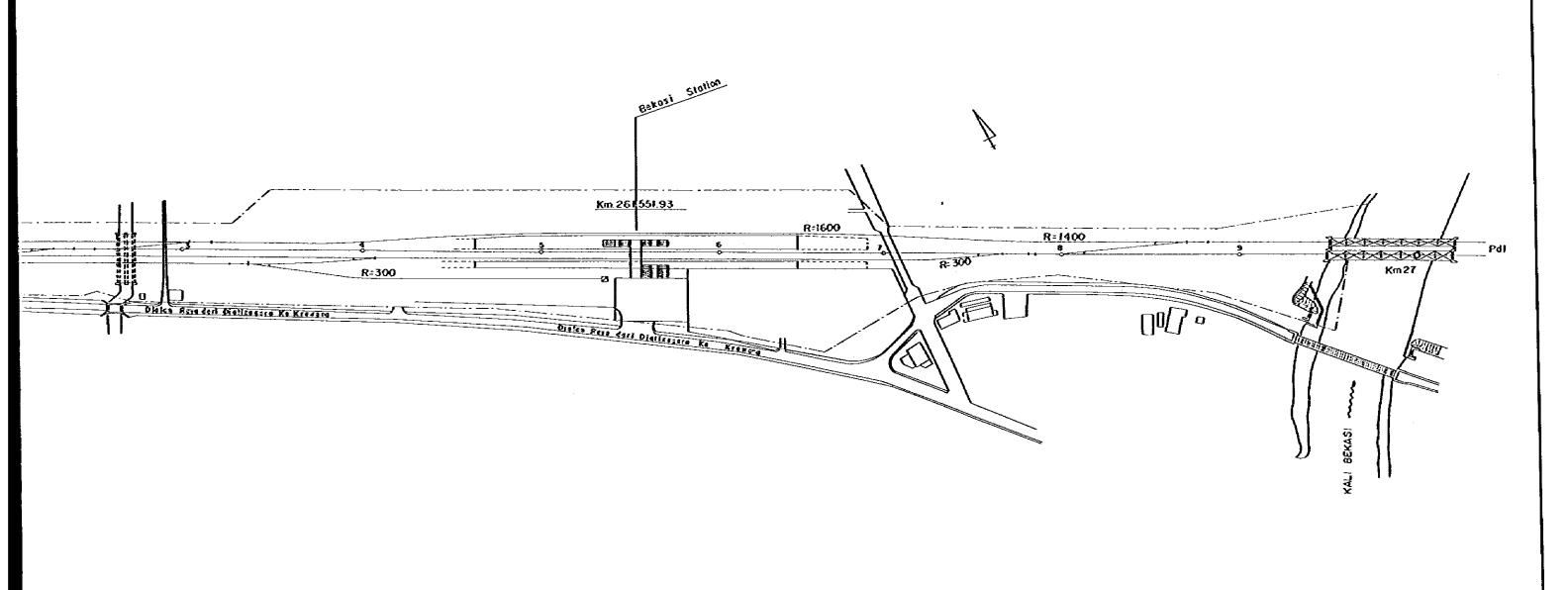






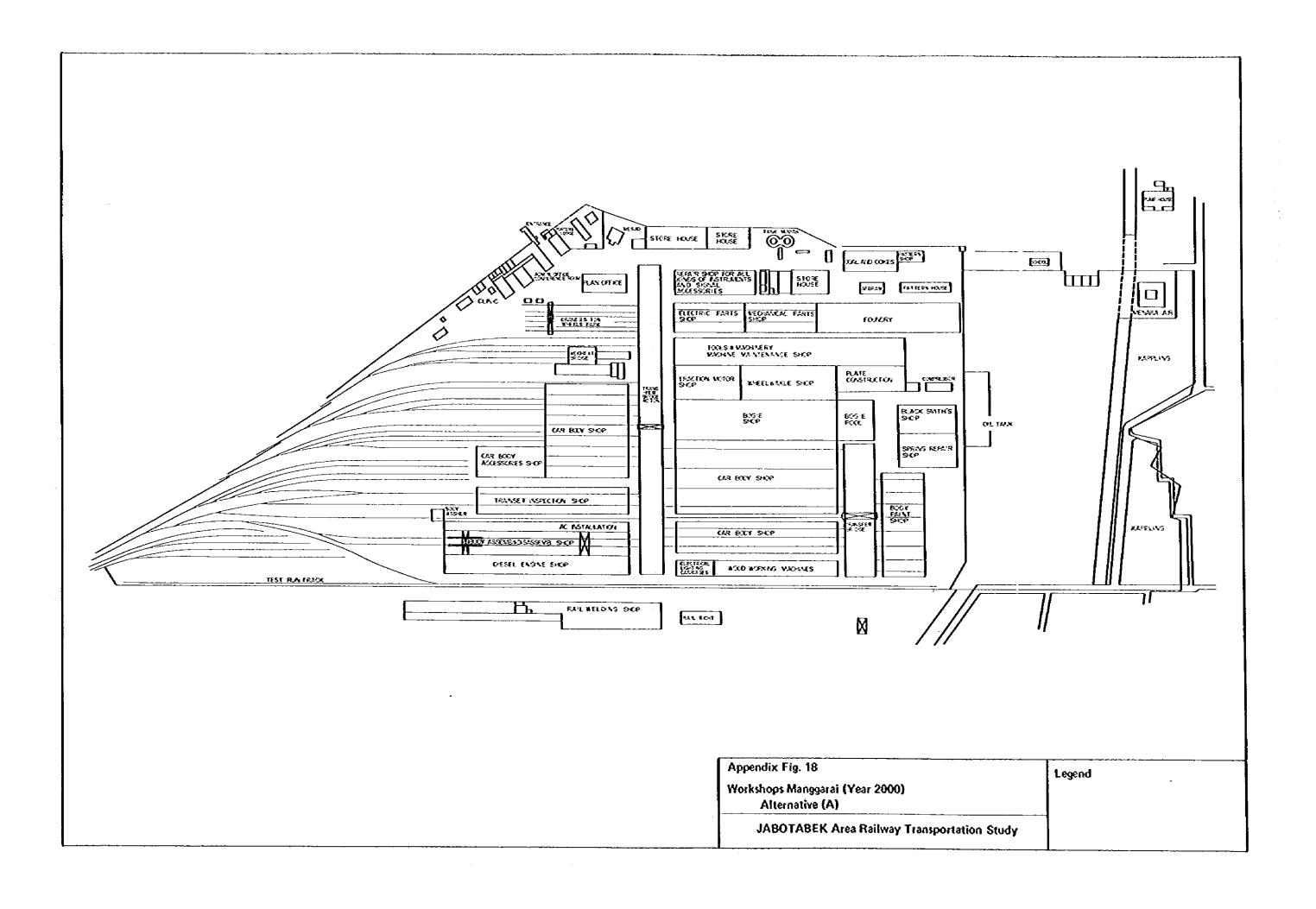


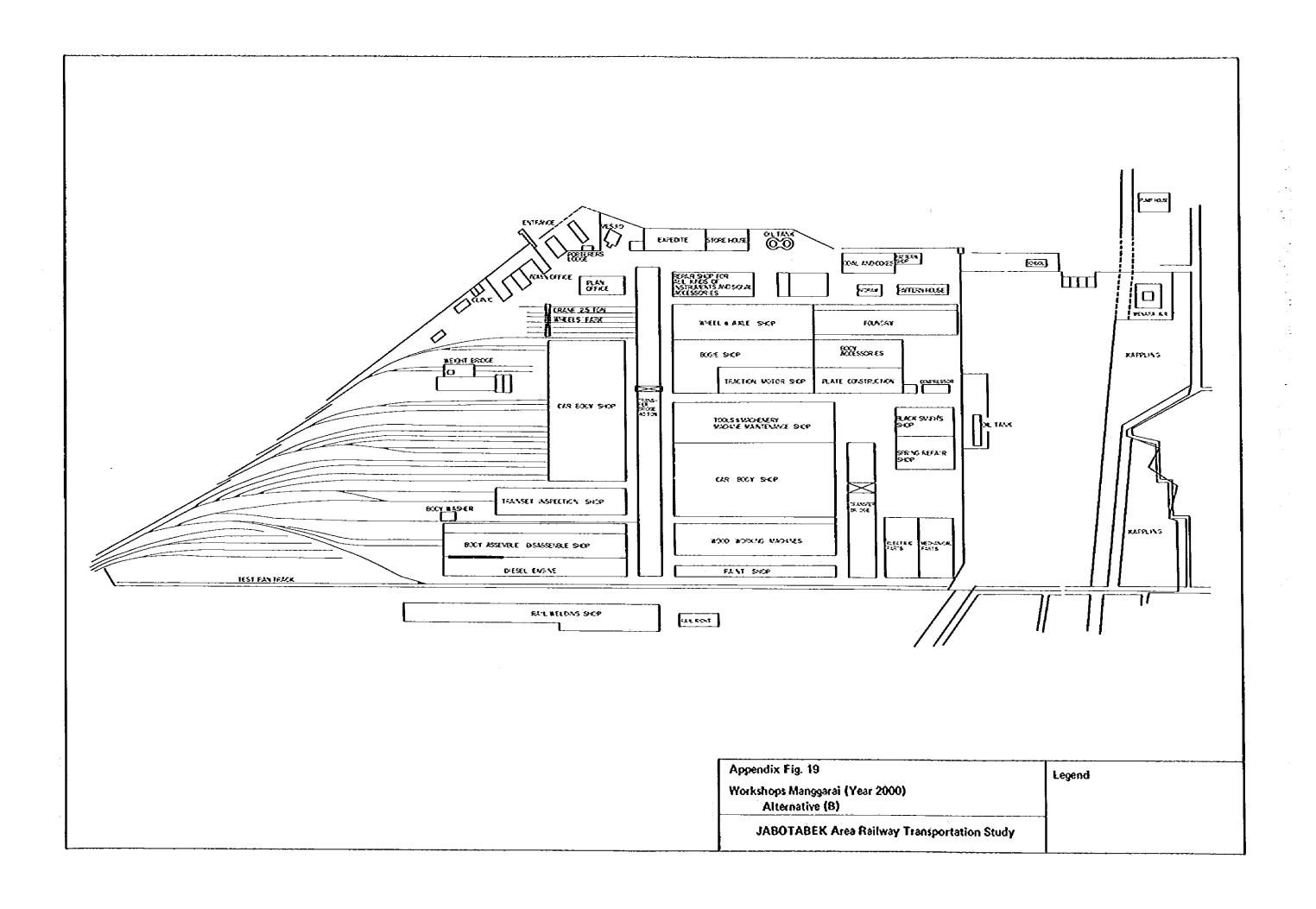


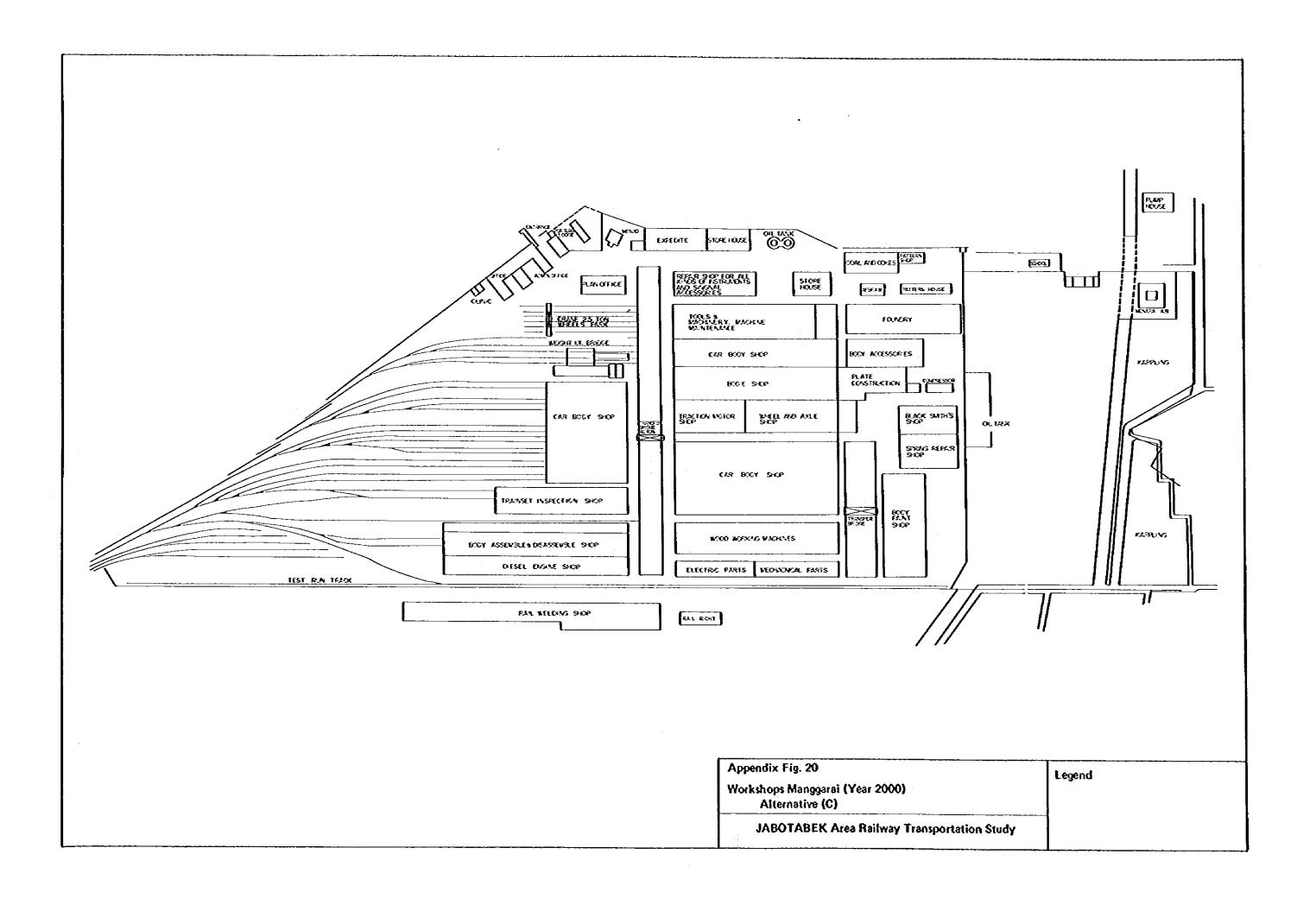


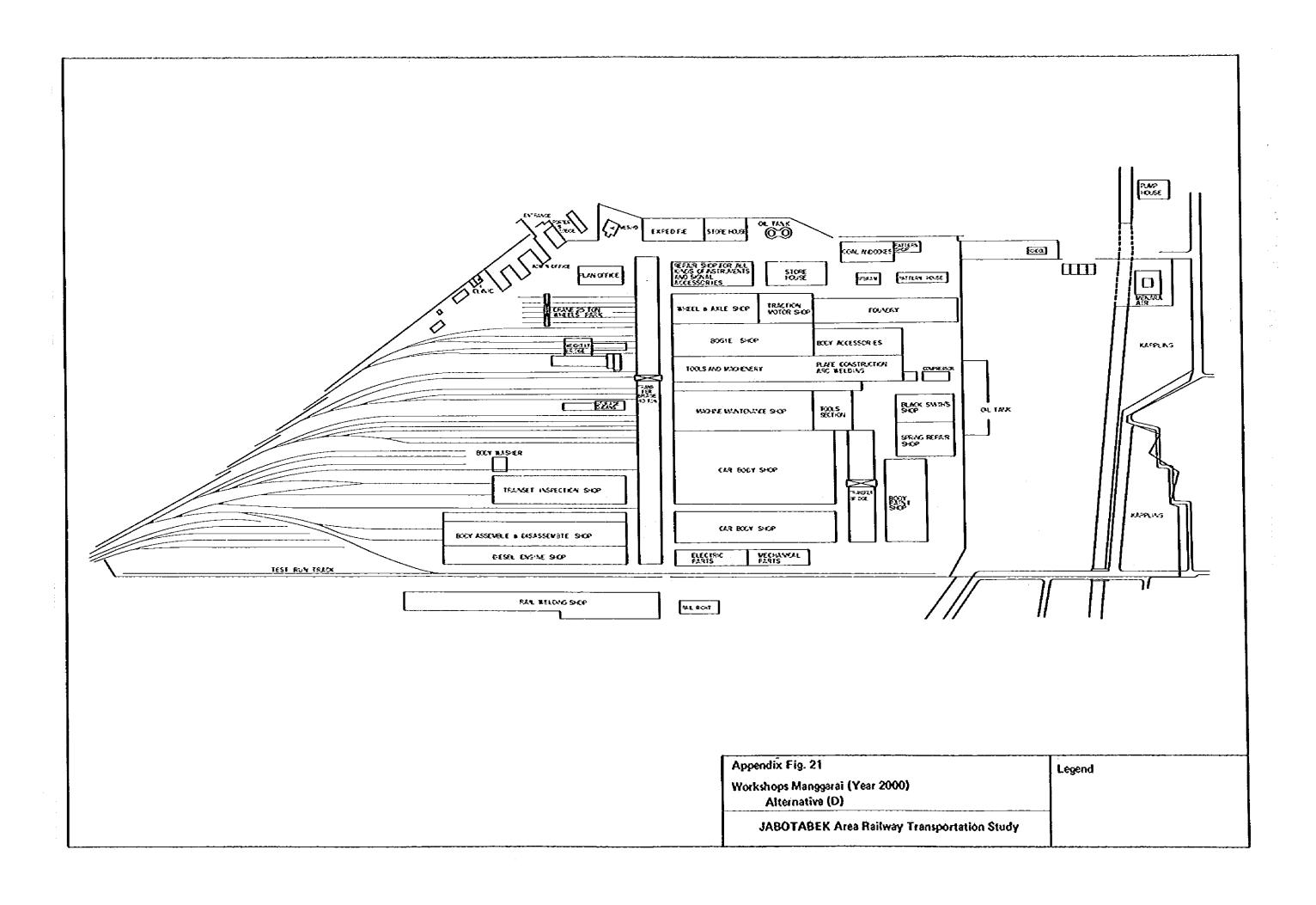
Appendix Fig. 17
Plan of Stations (Bekasi Line - 3)

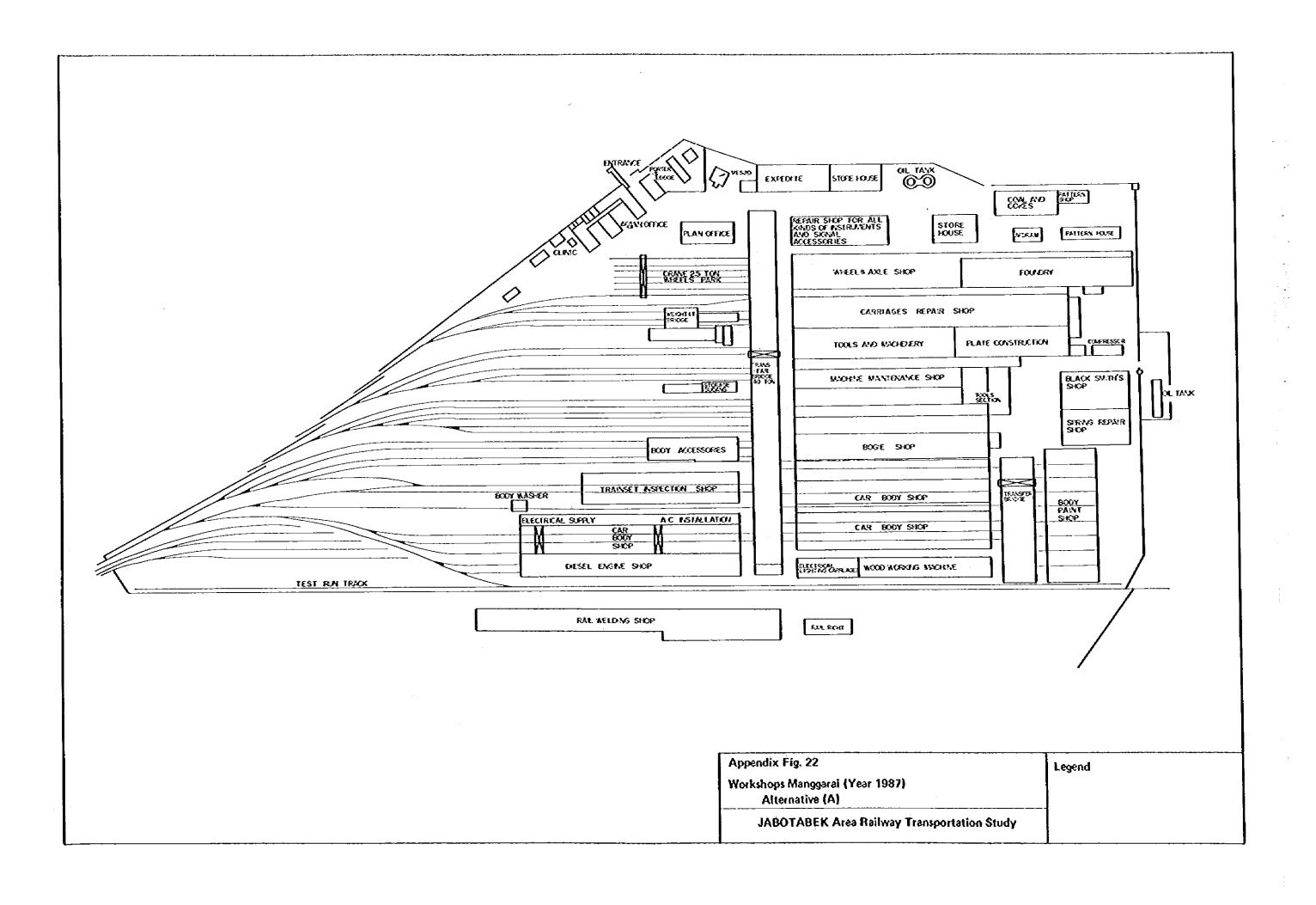
JABOTABEK Area Railway Transportation Study

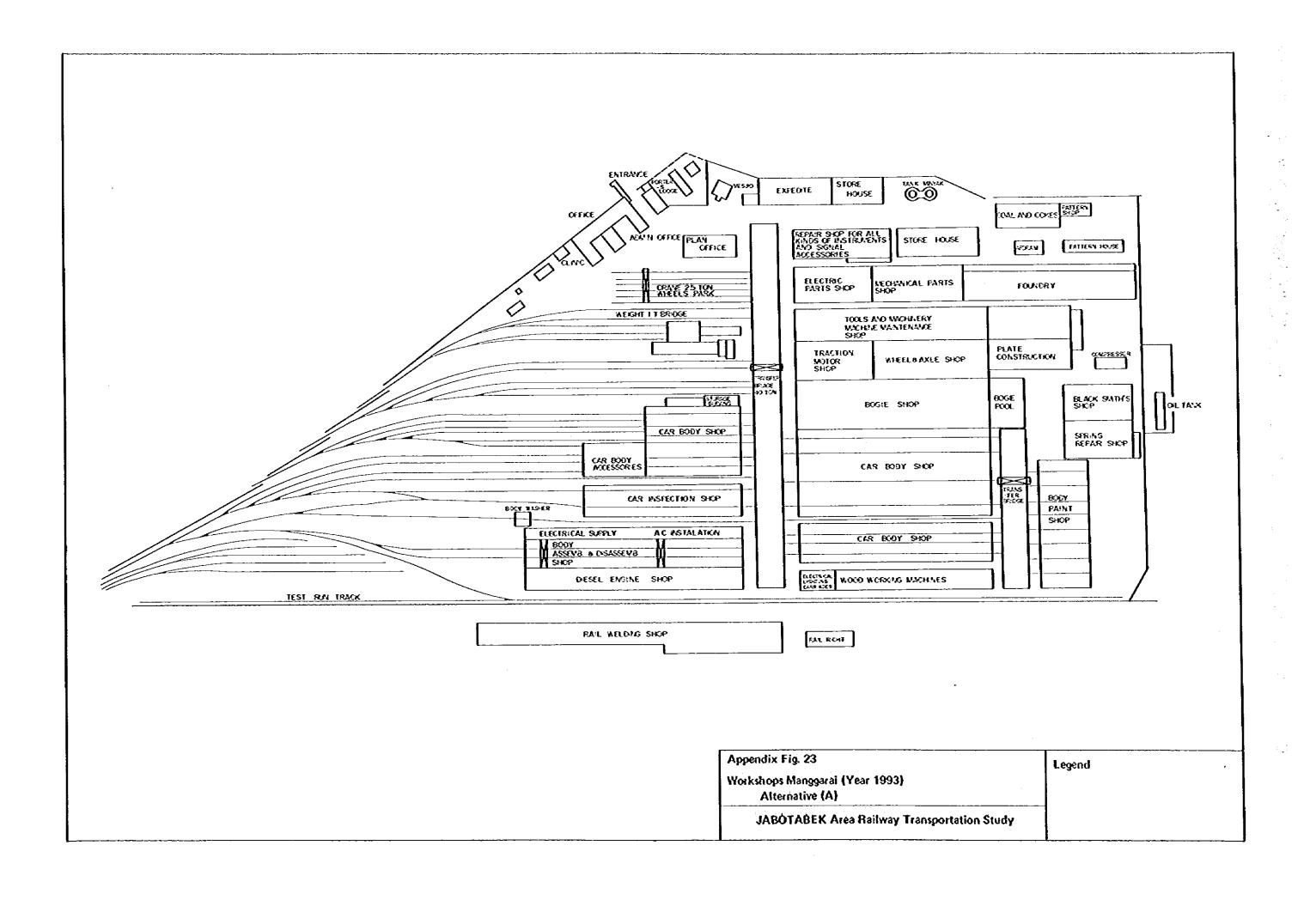




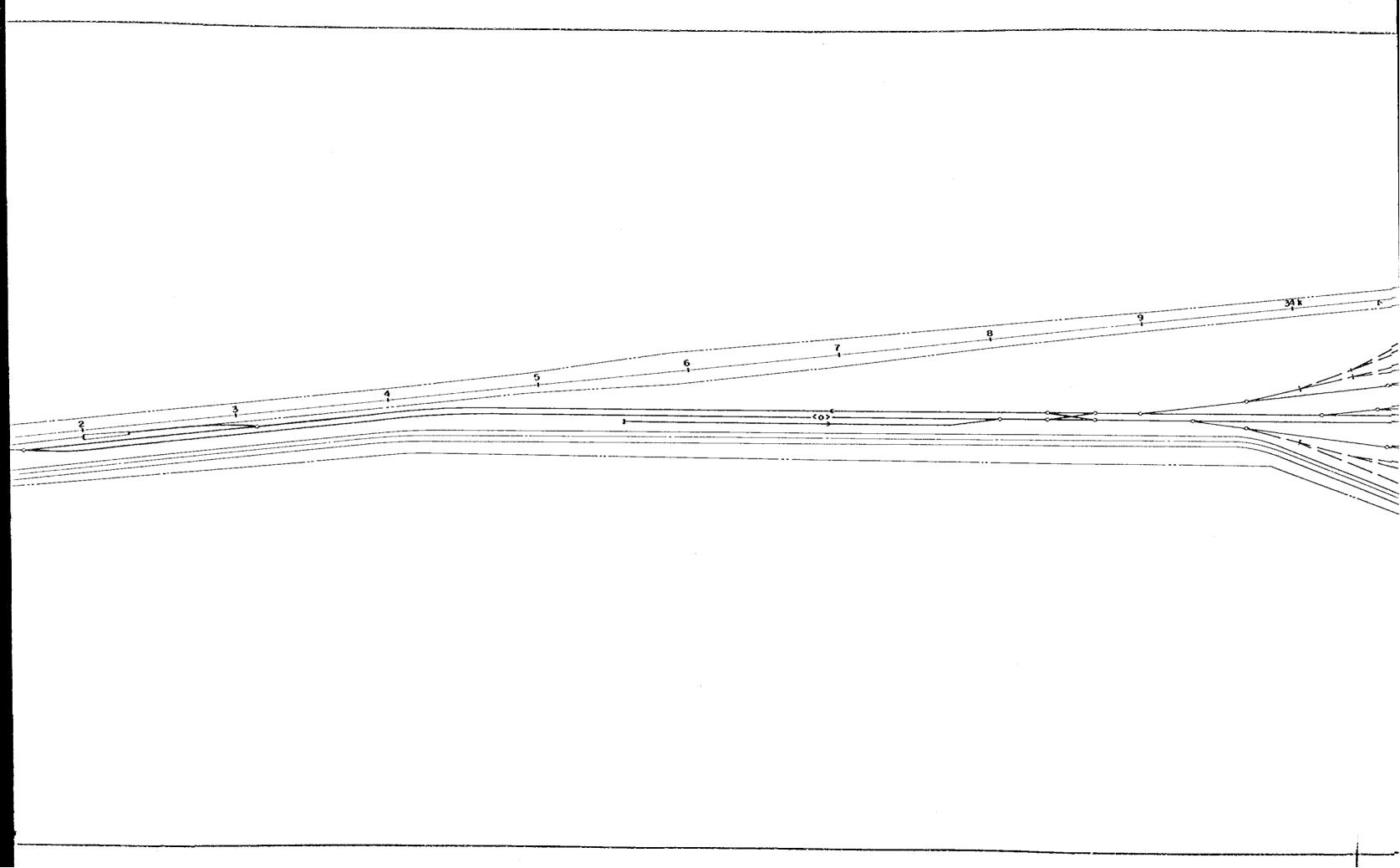








R = 1 200^m L = 178° 46' 53' BL = 25^m 504 DEPOK For JAKARTA R = 1 200^m L = 178° 46'53' BL = 25.^m504

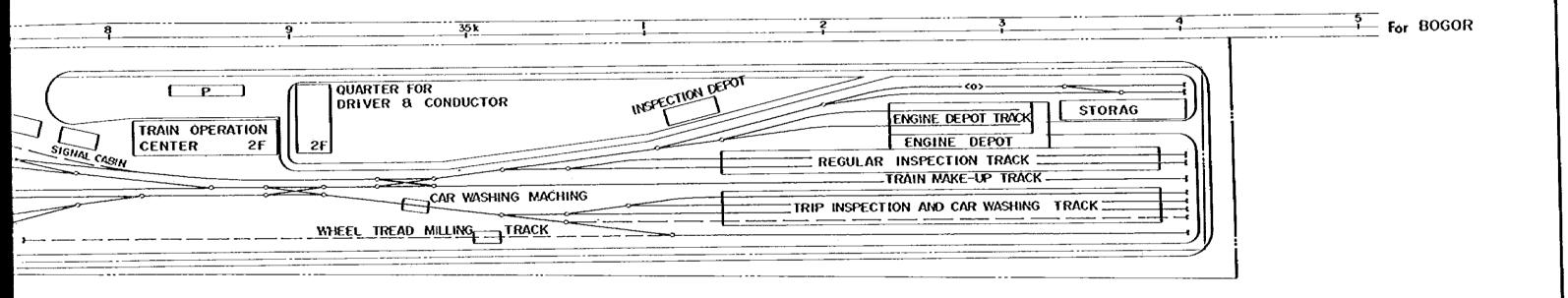


R = 1500^m
L = 174° CO
BL = 157^m CO
BL = 150^m

R = 1500

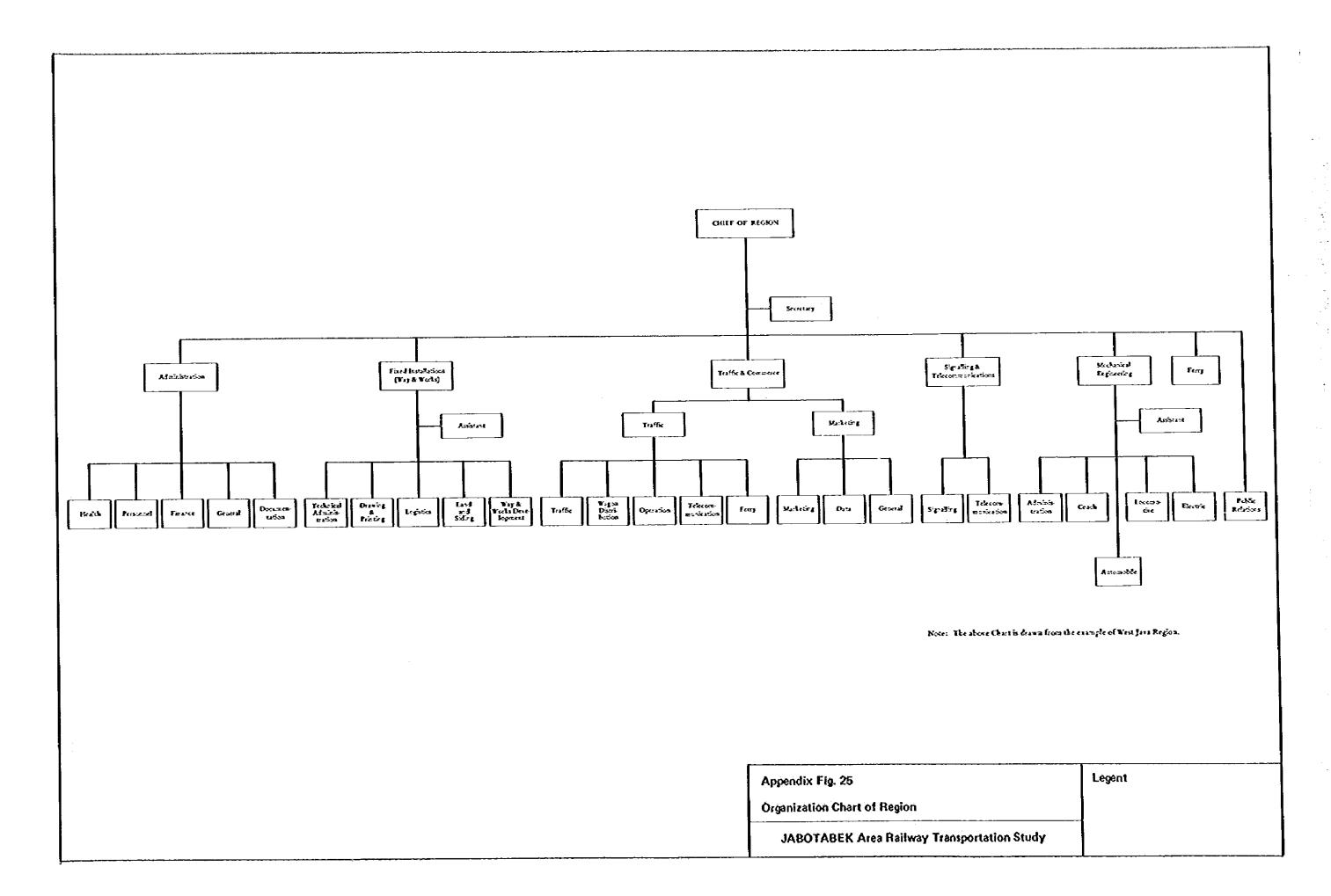
R =

PLANNING OF NEW DEPOT

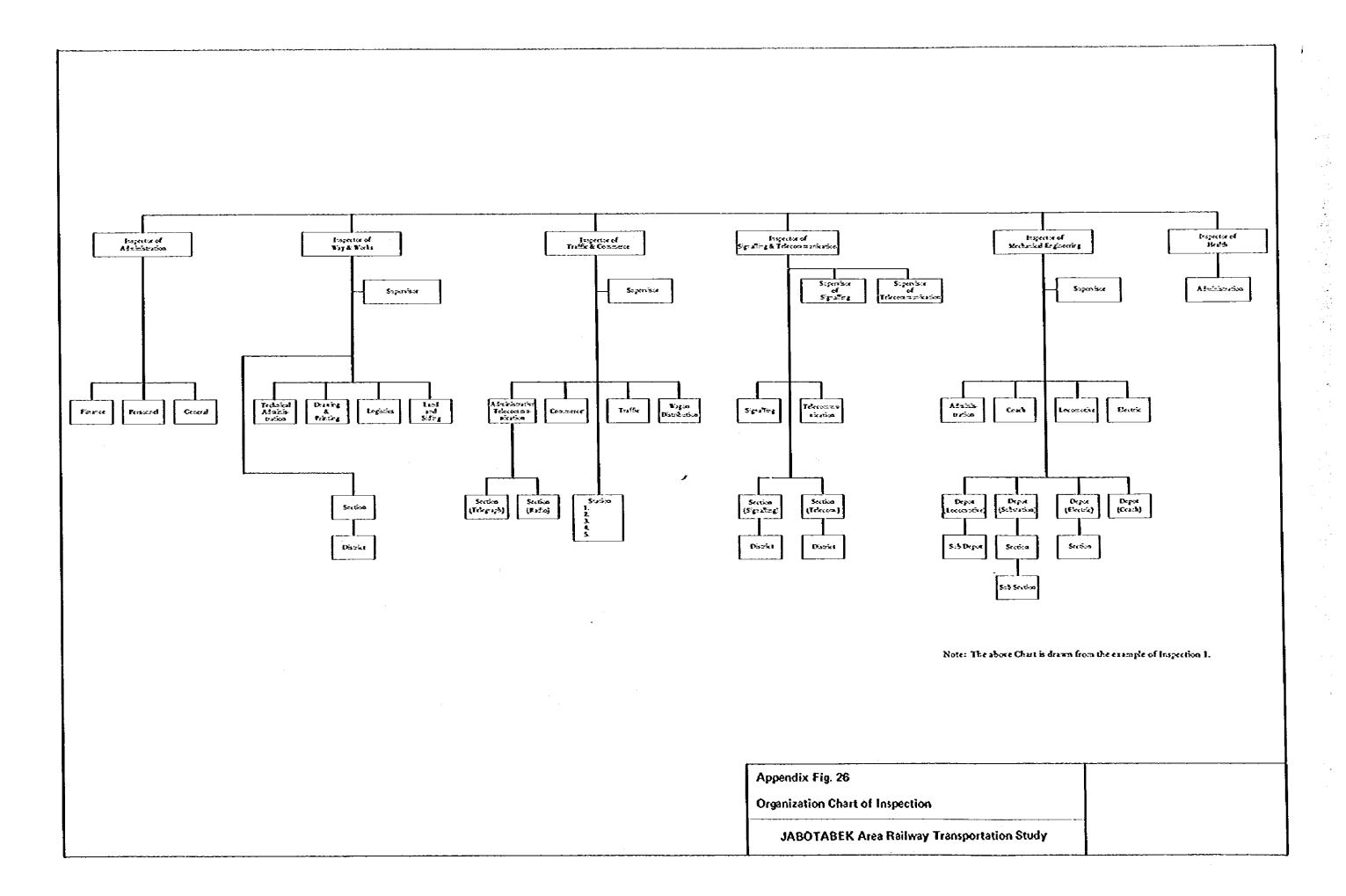


Scale 1 : 2000

Appendix Fig. 24	Legend
PLANNING OF NEW DEPOT AT DEPOK	PRESENT TRACK
TEARMING OF HEIR BETON AT BETON	NEW CONSTRUCTION
JABOTABEK Area Rollway Transportation Study	FUTURE EXTENSION



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Appendix Table - A Economic Analysis of JABOTABEK Railway Project - Mater Plan -

																			_								
CASE 1	1984	1985	1985	1957	1988	1359	1331	1321	1932	1293	1014	1335	1315	ī1:7	1397	יניון	5335	2227	?37?	ئ ^{ېر} د	2015	2115	3308	זירנ	2003	2313	23:
INVESTMENT DIFF	23521	-53-86	-15161	-52338	-{116%	-53533	~51333	-34132	-7728	-18733	-3388	13757	- 38.55	-5.155	h 223	11456	2312	11862	23635	15333	112?7	27533	3335	37567	13555	33342	-31
AFTH991	52845	5177	6182		12233		17725	11173	19235	13358	25524	34393	27450	-							11655						
ROAD CONSTRUCTION COST REQUIRED BUS VEHICLES REQUIRED SECRET VEHICLES	17677 1555 2515	1635 3202	2331 4151	3337 5353	L255 7377	\$323 3953 7353	17725	5751 4312	6944 1754 3537	274: 3612	4323 3551 21646	15152 13247	17725 5502 7151	12315 17 12335	15725 26225	4323 25277 20365	23737 3421	355° 3312	1515° 5538	3574 3613	<u></u>	17725	15177 8151	23733 12375	3553	15152 21265	55 35
SALVAGE VALUE																											
HIR	28224	58664	51643	81438	72396	75253	Č8125	44155	26985	37362	21713	23643	31315	32774	38721	26135	25237				317	8339	1350	3572			
CIVIL DAK SIGUALS ELECTRIFICATION ROLLING STOCK MANGGARAL DOCK SHOP	15562 865 1523 8337 1277	28877 3698 12998 11396 1277	25486 2967 3223 12153 1167	28158 2159 6438 24742	\$3512 5851 21935	5331	25597 2001 3780 23335 1735	17272 751 2345 21457 1735	37457 883 4717 3253 1311	24292 668 2826 2655	16632 425 2185 9365	4194 427 15111	5652 6134 19329	6365 1653 7843 36111	15512 2935 3574 9651 737	16231 2146 7791	18338 1723 2370 635		••		57)	1569 6770	1531 2529 .	1234	4210	3512 13731 8337	11 31
SUFARE ANTOE																											
BMILL COST OFF	21.11	4023	1312	3 2 3 1 5	22555	, , , , ,	77.537	7,117	3,4,14,5	27,77	37777	25127	37711	53.53		22573	モミオケミ	5 1 2	23762	53552	\$ 77 77	2.3322	7.4377	23327			
ISCAT IS.	3132	6753						28823		37212		45553					54812	64312	E1517	E4512	64812	C\$812	64812		54812	-	
ROAD PAINTENANCE COST BUS	326	325	326	325	325	356	477	477	52%	524	553	553	674	759	757	788	788	783	75€	780	738	783	331	755	783	733	7
HAIBLEBANCE COST PEASONIEL COST FREL COST SEOAT	652 237 35\$	1310 234 755	1331 415 1186	2523 683 1667	3101 356 2133	5719 1187 2627	\$379 3231 23£6	1912 1113 3511	5652 1717 3333	6221 2413 8557	684 <u>6</u> 2237 5021	7331 2533 5524	8951 2623 5986	875? 2733 6310	9305 3061 6836	3955 3222 737)	13513 3652 5331	13553 3552 8135	17559 3652 8395	115%) 3552 891%	11551 3552 8031	11549 3552 8194	27510 3552 3371	17549 3552 2774	10519 3652 4031	1351) 3552 3234	
NATIMENANCE COST	525 1423	3947 3021	1555 4783	2355 6743	2559 8345	3352 10769	3575 12337	4754 14352	1655 16361	5153 18793	5567 20557	616) 23225	6576 24657	7222 25315	2716 22435	5260 30316	87 5 9 33313	5757 33347	\$789 33389	3754 337 1 3	8781 33719	3727 33119	6313 67688	6767 333 \ 9		\$783 33213	
4114	316	2139	3184	3332	5557	6987	8192	3731	£773	9574	17229	13513	19835	11640	12375	13133	11317	14047	15559	34343	11713	15543	15753	15053	14343	14343	11.7
HATRIENAVCE COST ENERCY COST ENERCY COST	53% 3 213	1745 49 351		3222 193 571	442? 321 761	5567 315 336	6515 125 1252	1151 432 1243	7178 481 1315	7725 558 1591	2231 695 1423	8335 617 1438	8561 672 1554)25) 747 1649	3317 733 1672	531	12133 350 1901	31335 355 1761	11133 355 1363	11133 350 1361	11131 153 1051	1)137 355 1371	13133 352 1353	11133 358 1331	353		
TIME SAVING BENEFIT	233	737	1377	111	5774	1 1	/514	7112/	15517	111357	15755	71111	21201	22552	75132	21262	33519	23613	7726	37666	32546	23643	74740	33			
BEHEFIT FROM ECEPTION	*****	*****	******	2626288	******	******	1812111	******	*******	******	2522222	13505	122222	11163	11111	13111	33222	*******	111111	******	12755 1111111	**:::::	******	*=====	23#2322	*****	****

Appendix Table - A Economic Analysis of JABOTABEK Railway Project - Mater Plan -

159 3278 33FD 34FG 1350F 10522 131E9 13839 12592 12765

		1773 																		*******	*****		-	RATE OF REPORM			
		.14.172																						######################################			
		13358				24713															22252		PERIOD	CASHFLO.F	CIRL FLO.	351 PV	COM NET PY
771 713	6544 6754 5531	37 <u>1</u> 7	4323 3553 33535	15152 19217		12315 17 12335	25725	\$323 35277 23365	23333 3431	355° 4312	15151 5538	5504 7817	15	1725	15177	23731 12335	355)	15152	552 \ 3 \13	1312		15177 7513 -32 <u>18</u> 7	1 2 3 4 5	26475.33 -48075.68 -36313.41 -33557.24 -41332.57 -36763.03	26475.38 -21699.30 -57919.71 -3746.94 -135859.51 -175622.54	25\75.3\$ -\723f.93 -255\9.66 -232\8.62 -23\31.93 -\152\4.23	26175.38 -13923.55 -39313.21 -62641.83 -83072.83 -91287.12
155	\$60c2	37351				3277\$							377	8339				23275				333.	7	-19016.53 292.49	-191631.64 -191316.55	-8526.83 25.25	-104884.91 -104733.95
272 75% 75% 75% 77%	17457 553 4717 3257 1311	24292 - 668 - 2826 - 9655	16038 475 2385 9565	4194 427 15111	5852 6134 13323	6365 1853 7840 16111	15512 2335 3571 9651 737	36231 2146 7791 737	18338 2123 2170 635				313	1559 6779	1531 2522 .	1294 24ES	\$213 12115	3542 10734 8397	1176 3324 11336	353 1122 12183	132 1115 21712	351 511	3 11 12 13	32930.43 33012:11 43835.45 85751.62 66497.43 85737.35	-163355.52 -133344.41 -83533.93 4242.73 73740.03 135477.44 222653.53	5741.32 5132.12 8535.31 12312.94 8932.42 6631.28 7286.63	-3(757.64 -31525.51 -82733.23 -63779.23 -61776.86 -55145.59
		=======================================																				-87)113	15 16 17	86173.15 192733.19 191928.33	323389.69 127398. 08	7149.31 6173.55	-10713.61 -31539.93
7.7	23132		39352	35393	37733	43353	\$3373	45073	53753	55753	51763	33753	23322	33757	51733	51733	51753	53753	51753	51153	33753	20113	18 13	13958.23	537355.37 651142.44	5476.27 4875.47	-29062.61 -24187.34
: 23	32305	37272	\$0351		48677	\$1636	56142	67911	54812	61512	£\$\$12	64537	61812	C\$817	E\$832	65512	51312	64813	54832	64812	6181?	54332	20 21	111289.86 107373.28	765432.31 872895.53	3894.4F 3149.62	-29232.85 -17143.25
.77	524	524	\$53	553	671	759	753	188	788	153	73€	78:	135	788	385	755	788	738	783	788	788	758	22 23 24	123723.53 111751.45 123558.57	936535.17 3107539.62 1236158.13	3312.33 2283.11 2221.03	-14100.94 -11811.80 -3500.70
512 113 511	5552 1733 3333	F221 2715 4557	6846 2237 5021	7331 2633 5524		2752 2733 6313	9335 3381 5830	3955 3222 7373	19559 3652 5997	13513 3652 2335	37519 3652 8371	115%2 3552 831%	37557 3552 8375	3559 3552 8195	17510 3552 1371	13519 3552 2314	10519 3652 8031	1051) 3652 8031	135%3 3652 839%	19519 3552 1994	13559 3652 3331	19519 3552 2031	25 26 27 28	115515.93 115515.93 123810.95 93331.17 \$5553.27	1351734.03 1460545.34 1554539.21 1641138.43	1673.35 1321.28 956.47 737.18	-717.35 -896.07 -5839.59 -1933.52
138	\$655 16351	5153 187 3 3	5567 20557	E161 23225	6576 24667		7715 22¥35	6953 39346	₹789 331€1	33717 33717	\$789	3750 33787	5355 64666	331 5 3	8789 337 \ 3	8763 339 4 3		87 83 33013	8780 33913	8759 33313	372) 33243	3759 33313	23 33	91918.33 737935.65	1733175.87 2441952.73	657.65 4242.77	-\$2\$2,77 a.go
231	5373	3574	12229		10535		12318	13133		14247				15559					14040	11113	14010						
151 12 143	7138 451 3315	7725 548 1591	6271 695 1423	8335 617 1408	672 1554	3253 747 1643	3317 733 1672	13587 831 1721	19133 350 1911	31130 355 1361	3361 3361	13ej 424 11134	13137 353 3331	955 1971	11137 358 1357	955 1353	11139 353 1961	11133 353 1361	11137 358 1961	11137 258 1981	13131 353 1951	11137 355 1361					
227	13512	17)37	11355	23111	21393	22552	26372	27952	32548	32513	32542	32535	32545	32542	32545	32548	32548	32513	32518	32553	32515	33513			•		

Appendix Table - B Economic Analysis of JABOTABEK Railway Project - Master Plan .

CASE 2		•																- •									•
	1964			1987	1988	1982		1303	1992	1913	1334	1735	1335	1337	1378	1)21	2751	[13]	2117	2937	2005	2193	2335	2377	2333	2553	2.
INVESTMENT DIFF	21366	-55933	-43741	-58373	-63018	-215t9	-84173 -84173	-36217	-17830	-27162	-16767	-7017	-15056	34231-	-16032	-335	1589	9971	11235	12509	12/12	13215	20572	6831	-2585	-7725 -7725	* = = ·
TOCKTAC	20133	2730	2903	3123	3378	3673	4313	7937	9135	3533	12146		15253		22688		26732			32579	19739						
ROAD CONSTRUCTION COST REQUIRED BUS VEHICLES REQUIRED SEDAY VEHICLES	47677 1755 758	1993 839	2012	2157 365	2327 3351	2522 1153	275) 1263	5535 3498	7437 3712	7833 1736	8584 3562	3533 1023	10713 \$5\$6	4323 7228 7673				8584 1478	3533 1712				25033 20165 4515	7833 2679	3521	3533	197
SALVAGE VALUE																			•••	2470	,,,,,	1427	1719	10/3	5157	6315	37
HTIN	28224	58664	51613	61196	72336	75253	53125	11155	26355	37351	28313	29543	31315	32771	38723	26305	25237				313	8333	4369	3672	16345	23273	
CIVIL MORK SIGNALS ELECTRIFICATION RÖLLING STOCK MANGGARAT MORK SHOP SALVAGE VALUE	15552 865 1523 8937 1277	28877 3608 12936 31936 1277	25186 2367 9820 12183 1187	28158 2159 6138 24742	43612 6359 21935	14062 5934 29939 4358	25513 2959 3785 28931 1735	17272 754 2145 21447 1735	17487 881 4917 3269 1311	24292 668 2826 9665	16638 425 2185 3665	\$17\$ \$27 16111	5882 6194 19329	6365 1853 7843 16131	155%2 2976 9874 9561 737	15231 2146 7731 737	18398 1723 4480 635					1553 6779	1531 2823			3537 19731 3937	11 3
anne cost biee	1576 *******	2378	3453	4533	552E	5213	75°)	9101 9101 FIRETER:	31657	13 14 5	15145	1772	******** : 2)1))	21337	23395	25423	25(3)	25G3).	2552)	25597	25530	25533	******* 25530	25530	25517	******* * 255)) *******	25.
all toxu	2332	4515	6553	8825	11933	13281	15523	17313	27623	23113	25573		31035		355\$4	35516	33732	39733	33733		39733	33731	33733				
ROAD HAINTENANCE COST BUS	326	326	326	325	326	326	326	326	328	326	326	326	326	355	355	356	477	477	477	477	477		, , , , , , , , , , , , , , , , , , ,	3973 3 	 477	33733	
HAINTE/IANCE COST PERSOUMEL COST FUEL COST SECAN	839 165 438	1673 342 898	253 <u>1</u> 526 1371	3313 719 1369	4313 922 2355	439 <u>1</u> 1137 2871	5578 1364 3436	6443 1697 4993	7317 1895 4569	2073 2173 5273	8814 2486 5923	2542 2823 6532	10257 3133 7285	11155 3327 7662	11875 3103 8343	12628 1147 3333	13558 3782 9132	13688 3752 9192	1363E 3782 9132	3363S 3782 3132	1365E 3782 9132	13616 3782 9132	1358S 3782 3132	13688 3782 3132	13588 3782 3192	1353\$ 3782 3102	13 E 37: 31
NATHERANCE CAST FUEL COST	172 453	345 924	515 1414	614 1924	852 2151	1012 3008	1113 3586	1347 4183	1535 4533	1771 5561	1865 6253	2322 6383	2131 2751	2369 8114	253? 8£63	2733 9624	2892 3738	2692 3733	2892 3735	2832	2112	2392 9703	2832	2832	2832	2832	2 &
411 3	816	2133	3184	3392	5507	6387	£132	2733	£)13	3571	10223	10513	19836	31646	12378	13133	14343	15252	15553	14753	1474)	3733	9793	9708	3708	3738	371
ENERGY COST PERSONNEL COST ENERGY COST	535 9 213	1745 43 351	2558 137 488	3222 133 571	4122 321 761	5557 385 335	6535 405 1282	7357 432 1249	7198 451 1315	772% 5%8 1491	8291 595 1423	\$395 617 1 493	8661 672 1564	9250 747 1643	3317 733 1672	19589 #31 1721	13130 358 1361	11135 958 1161	11137 958 1961	11137 958 1961	13137 958 1951	31133 958 1361	11133 958 1961	11132 35\$	11139 11139 958 1361	15053 	3
TIRE SAVING BENEFIT	236	588	1052	1616	2733	3776	5416 ********	8112	17923	33172	15758	28753	25545	22312	25933	30505	22952	22358	22358	22358	22358	22358	22158	22358	22955	22358	223
SENEFIT FROM ELEVATION			******	******	******	******		*******	******	******	******	*****			******				******** *******		*******			******	******	12735	****

Appendix Table - B Economic Analysis of JABOTABEK Railway Project - Master Plan -

- ALIENTE TRICTIE TRIVERE TOURS TO

1 1792	1992	1313	1994	1395	1336	1377	1008	:) 11	2111	£333	2002	ģast.	2335	2125	2333	2317	2))}	2333	2019	2911	2912	2513	THEREAL HAVE OF RETUR	10.75%		
3 -35217																							COURTO FARMA FOR CONTRACTOR			
l		4				*****	****	35500	26126	2331	11715	12533	16719	21551	25331	10173	13743	15548	11782	8635	19233	18555	PERIOD CASHFLOY	COR1 FL91/	HET PY	CIPS NET PY
7 7937 7 7537 3 1498	7452 3702	7£33 173€	8584 3582	3533 1923	10713 4545	\$323 7228 2673	17532	23¥55 6015	17725 7603 1263	853 \ 1 \ 15	3533 1112	17713 1776	7228 3552	17532 4023	20165 4515	7833 2679	852 1 5157	9533 6915	19713 1263		17532 1732		1 23776.12 2 -52762.52 3 -44713.64 4 -51534.53 5 -85693.03 6 -61510.21	23778.12 -23133.33 -73112.03 -125334.53 -185333.56 -247513.76	23778_12 -\7825_33 -\82\5\15 -\81\85.03 -\83\92.51 -\83\10.23	23778.12 -24047.15 -63936.33 -38234.35 -158634.87 -175545.10
5 44155	26355	37353	28313	20613	31315	32771	38721	26395	25237			_	377	\$333	435 9	3672	16325	23273	17035	13751	25383	313	7 -\3763.73 6 -\5753.97	-231277.49 -337331.45	-23711.21 -7735.71	-199255.31 -296963.02
3 17272 1 75% 2 27%5 6 22447 5 1735	17487 831 4917 3269 1311	24232 668 2826 9655	16632 425 2185 3165	\$17\$ \$27 16131	5882 6134 19329	6365 1859 1870		15231 2146 7731 737	18335 1723 4489 635			-	373	156 3 6773	1531 2823	1231	121 0	3512 1973 \ 3937	1175 332 \ 11335	959 9122 12183	\$72 1146 257 5 2	353 533	3 8724.51 10 2231.24 11 1772.7.2 12 42357.73 13 35677.95 14 36321.11 15 45372.63	-237076.95 -239772.77 -277552.47 -235732.63 -133514.73 -162693.63 -117621.00	3544.36 611.12 6450.22 13360.25 13825.44 3526.71 10786.28	-293418.66 -292527.54 -13774.77 -162197.37 -173282.54 -161655.83 -159869.59
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3 1347 5 4183	1535 1535	1711 5561	1865 5253	2023 6389	2331 7751		2532 8E63	2733 9674	2832 3738	310 <u>1</u> 2832	3232 3735	3132 5835	2?32 3738	2332 3733	2832 9738	2832 9798	2832 310 8	2832 3708	2198 3198	2832 3738	2832 3738	2872 3793	23 54246.03 30 695264.23		38135.81	3,13
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Appendix Table - C Economic Analysis of JABOTABEK Railway Project - Master Plan -

CASE 3	1366	1555	1985	1177	336£	1373	بدوزا	<u>1</u> 191	1312	זרגנ	1325	1115	1396	1937	1173	1933	2333	2001	2172	2913	2331	2435	2396	2137	3338	2333	รูปฏิว	-
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CIVIL BOSK SIGNALS ELECTRIFICATION ROLLING STOCK NANGGARAY DOSK SHOP	15567 865 1523 6337 1277	28877 3698 12906 11996 1277	25486 2367 9823 12183 3187	28 158 2159 6438 24742	\$3512 5850 21035	44161 5331 22933 4358	25513 2261 1736 23391 1735	17272 754 2346 21447 1735	17437 - 881 4017 - 3259 - 1311	23292 663 2826 9665	15538 425 2185 9585	4174 427 16311	5832 6174 13329	6365 1853 7843 15111	15542 2336 9874 3561 737	16231 2146 7191 737	18348 1723 4439 635				371	156) 677)	1551 2829	1235 2553	¥213 12115	3542 10734 8337	1176 3321 11396	1
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Appendix Table - C Economic Analysis of JABOTABEK Railway Project - Master Plan -

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Appendix Table - D (1) Financial Analysis of JABOTABEK Railway Project - Master Plan -

BASE CASE	1384	1925	1976	1927	335 E	3283	1111	1931	1392	1333	jenę	1335	1136	1))7	1913	1333	2)13	::::11	2912	2013	23)\$	2215	2115	2537	2313	2333	291
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oparatino expense	916	2502	1363	5111	1332	0572	13232	32353	12382		11855	15133	15353	17315	13135	11111	23131	23173	21777	-1111	23175	23317	11111	10575	13533	13711	1335
ADAKING COST BUINTERVICE COST PERSONNEL COST ENERGY COST	816 534 3 213		3291 2558 137 395	3870 3222 133 443	\$394 \$422 321 651	6521 5667 385 769	7357 6595 195	8653 7059 432 1178	2773 7198 451 1315	9674 7724 548 1401	19729 E201 695 1423	10510 8305 617 1498	19393 3351 572 1503	11343 1253 141 1333	12372 3317 731 1372	13133 13523 131 1321	1575) 11137 155 1771	1311 11131 11131	15151 11151 151 1151	11213 12133 352 1251	1113) 1113) 157 1331	3334) 23231 253 2351	15151 11151 155 1551	11157 11157 753 1172	11133 358 1351	15143 11133 153 1361	1535 1113 35. 110
DEPRECIATION COST	163	537	388	1574	2035	2611	3285	3798	3393	1203	4456	4682	5357	5811	5758	5959	6122	5122	5120	3313	3115	9155	5011	5827	5531	515?	1))
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		51664	51643	£1435	2233E.	15153 25153	£2175	14105 14105	26355	37381	25313	2007.3	31315 ======	32772	1777	91311 9133 11111	19017	*******	=======	*******		1331	10.3	21215 2125 21215 2121500	1.323	13273	
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FORTH CURTENCY	\$9\$7 3635	19386 18511	9312 15574			37522	3113 16033	6497 1977E	6735 17752	19119 13762	7351 3277	1528 2577	311E 2166	2624 5311	5915 3628	6125 10135	5527 11531										i
SIGNALS AND TELECON	865	3698	2367	2153		5934	2169	754	881	588	425			1853	2315	2145	1723					1567	1531	1214	1213	3592	11:
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Appendix Table - D (1) Financial Analysis of JABOTABEK Railway Project - Master Plan -

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X JE 3	1975	3113	4763	6365	7271	£253	3425	31252	13692	35645	11877	20237	22521	*****	26 123	2.132	24,22	71727	23111	*3327	21174	21172	23223	*4*17	23632		7 2 3 5 3	2.41.2.3		71477
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		025	65>	402	-133	-1355	-2738	-203t	-595	£15	7955	3991	2112	5315	7777	2 C C 3	3277	1 1167	11246	13593	11717	23127	1 3 3 4 7		30133	11677	33332	336-3		
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TELECOT	\$65	3608	2367		£853			754	£31	568	125	-		1853	2375	2138	1713					155)		1234	121)	3512	1175	\$55	¥32	351
NSY Rency	118 747	633 2377	745 2713	591 1568	1111	162%	697 1469	231 523	145	212	1k3 276		-	233 1555	573 2332	51? 1531	513 1515			••		1372	315 121ē	275	5 43 3562	(1)	237 235	115	25	31
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NOY DEBOY	283 123£	1761 11145	3156 6364		2371	5537 15361	3337 5243	1443	713	365	327 1257	271 156	796 53 13	1533	1178	35) 333	1013				23	321	853	575	 fai	1553	1552	25° 163	**	137
i K	£337	11336	. 12183	24742		4358	28)34	21447	3253	3665	9565	15131	1132)	16111	9561	-	•					•	• -			3337	11116	1110	35.763	- 13
NOY PENCY	273 8727	359 11636	355	742 24323	******	331 4227	£53	EU3 23324	98 3179	239	233	483		\$23	251			- .								27)	3.1	335	712	
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TOY TENCY	311 968	311 356	297 835				343 1392	313	333 372	•••••					111	- 1	.12		•••••		••••							•••••		
JE						-4																								-573113

Appendix Table - D (2) Financial Analysis of JABOTABEK Railway Project - Master Plan -

	1954	1105	1777	1307	130	3.77	isss	7331	****	****	im	1995	1996	1337	1192	1979	ננינ	2131	2712	2313	2774	2335	2175	7117	2378	2933	2010 .
TH WOL FOUND																						£225	\$3 50	3672	16325	23273	17316
60 tro Athé Repaysert	22224	55561		\$1435				1757	20355 3325 3325	37381 5163 37437.7	20313 7515 307530	20043 12088 515773	31315 12510 433282	32771 15255 122110		25303 17352 131338		23235 111752	704510	22453 35 211 7	2116.11	322111	2624E \$33357	27362	27363 263343	27353 251617	213352
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SORRANTAS REPAYCE-O	21281	¥\$235	36559	46383		53537		31301 1751	33732 3326	25151 5151	23186 7518	13361 33661	26514 12613	27784 15256	17335	17352	13225	27235	21152	22333 366117	23872 343593	25363 327009	26245 333167	27353 273771	273£3 2633¥3	27160 251517	27353 243352
BALAGE EGTEREST	212£1 1277	66517 3431	193385 6273	15335E 1372	23 <u>1</u> 755 12135	252135 25133	315221	233743		314935 2243E					435228 26114		25313	21321	42475	21257	22575	17571	18238	15786	16933	15337	14737
FIRMSE IN LOCAL COV																								578	333	7631	
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HET CASHELDA	C35	-171	-437	-1332	-2136	-123*	-5532	2773-	-/110	-1515	-5365	-2351	-3/1/	-13384	*****	******	-3311		******		######	======	******	#######	# # # # # # # #	014141	C # 1 2 1 E E
640.1 \$8	32361	62483			8176C	35147	27735		48564									36113	35143	36133	35522	*****	13533	33815	52468 	57¥15 	>>/4)
OPERATUS PROFIT DEPRECIATION	1375 162	3223 531	2762 333	6356 3574	7271 2335	2253 2311	1125	11252 3739	13690 3933	15643 4203 37361		4572	5357	541)	5786		6155	\$122 £122	9155 33455	53327 6122	33128 £115 373			5827 3672	5533	5162 23273	1333
SOURCE	12111	5865t	51613	61435	72337	15253	5*125									-		11333	14555	L 457)	14327	53322	43845	47518	53468		
JA3.1 051	23591	62655		73530	\$1502		25133	65552	51577	55227	53687										313		4363	3672	16325	23273	17338
HIVESTORIA REPUNEUT	1655#		51643	36413	72335	75253	57 <u>125</u> 17397	1455	3320	5100		13342	35910	15253	17336	37952	13225		21152 23531	22183 22327	23£72 21575	25353	26246	27050	27050	27353 15537	
Tale a si	1277	5333	{233	3322	15192	12192	д 51	• >		,.																	

Appendix Table - D (2) Financial Analysis of JABOTABEK Railway Project - Master Plan -

(Rp. million)

	1305	1275	. 1327	3307	131	****	ירוי	****	יוני	*977	31 11	<u> 1</u> 335	1936	1337	1297	1303	2^33	2131	2712	2313	2316	2335	2775	2117	237\$	2933	2919	2511	2711	2)13
	20223 21201							\$\$155 3054 30755		37361 5160 37427	22313 7519 373737	20043 10082 310171	31315 12510 100022	32774 15255 422410	3\$721 1733\$ 435228		13225	2)234 431752						221211	16325 2716) 265343	251517	17136 27153 213352	13753 26314 235355	235362	215517
JUL 617	21281 21281 1277	45235	38889	£6383	53312	51137	52325	31321 1251 22252	12331 3326 334657	75151 513) 514137	2)100 7516 351625	13351 3366 335873	26514 12613 433882	277E\ 1525E \22\10	23624 17335 435228	176E2 17352 131938	16273 12225 431386	27234 111752	21152 333630	22433 368117	355 23 272 341533	7773 25353 327309	3235 26745 393767	2857 27769 279771	15332 27363 265353	29633 27060 251517 15597	15335 27353 25352 16337	13929 26914 236958 14217	25551 25151 25151 232363 25302	736 22157 215527 12377
AR COV	6343	13423	34775	14518	21735	2481°	15171	31 5°	2934	11377	£127	2382	1731	1933	£837	3213	& 3C5				23	56€	1155	538	313	2833	1732	733	323	133
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11	32361	62453	57\$33 \$758 \$33	63135 6356	£176£	20117	31235		48564	\$7213	52161 27623 4426	15552 27237 4532	58631 22429 5357	62453 24273 5413	73533 26123 5786	28135 5363	\$1381 31322 6122	36143	35143 30122	35153	35522	30175 5068	33252	32317 5227	37571 5533	33352	31247	31550	31817	31333 5313
	23591 23591 23591	58684 83685	57633 57635	23512 23512	22307 ENEO2	75253 27325	6*125 25\32	\$\$155 6\$562 \$\$155 \$755	25355	55927	51C27 28313	23545	68518 31315 12616	73375 32774 15255	\$1\$49 58721 17006	26935 17 3 52	73383 25237 13225	29234	23152	22183	41727 373 23272	\$3322 8333 25353	43634 4363	\$751£ 3672 27959	5316\$ 16325 27350	56333 23273 27351	17036	13757 25123	26373	113
	1277	5331	€233	3323	12135	1513?	15337	27543			2325€	_	21593	25315	26114		25313	21775	2343"	22327	23575	11621	18238	16755	15 15 183	13531	21171	**:**	- 17	

Appendix Table - E (1) Financial Analysis of JABOTABEK Railway Project - Master Plan -

CASE 1	7363	1385	1985		1758	1383	1229	1991	1972	1373	1994	1395	1338	1337	1398	1999	2001	2011	2932	2773	2271	2115	2376	2777	2003	2133	2)13	
00000000 000000	1375	1011	43/4	1166	3331	* 1 (2	9896	11753	11604	15564	17631	うみうしょ	53431	71717	2517i	73135	27327	2 3 3 2 2	33122)]] []	> 1_2	> 1/>	2 222	31311	51531	22336	38643	71 * * 1
PASSEIGER REVEWJE	2953	5935	8858	11813	14763	17715	23868	2321	26573	29525	32418	35130	38353	\$1335	11288	£7213	59193	53133	59133	50113	51133	51113	53133	59133	51133	53133	51133	5313
OPARATHE EXPENSE	378	2382	1383	5111	7431	34.5	11272	12300	12750	13:77	14955	15133	15353	17)55	1 1 1 5 5	13172	20171	20171	20171	27171	27155	23317	17751	13375	13583	13211	18352	1875
AGREING COST HAINTERANCE COST PERSOUNEL COST ENERGY COST	816 595 9 213	2985 1748 49 297	3191 2558 137 390	3879 3222 199 443	5394 4422 321 651	6521 5667 385 763	7957 6595 195 1917	E659 7052 432 1178	8973 7138 461 1315	9574 7724 548 1401	19229 £291 595 1423	19519 8335 617 1498	1)836 3561 672 1564	11645 3259 117 1549	12378 3917 713 1572	13133 13583 331 1721	15353 11133 958 1361	14113 11137 953 1761	14343 11157 355 1361	15353 11233 353 1361	11137 11137 158 1381	15157 11137 358 1351	14743 11137 353 1961	14747 11137 358 1761	13749 13130 358 1361	14043 11130 358 1361	11137 11137 358 1161	1505 1113 35 136
DEPRECIATION COST	162	597	998	3574	2338	2641	3285	3738	3933	4203	4426	4682	5057	5113	5785	5969	2155	6122	1122	5122	335	5153	5371	5327	5533	5152	4333	373
MAY DOOFFEE	1133	E 2 3	258	LCC	-780	_1016	-2101	-230%	- 16 2	515	7055	1225	2682	5416	7223	3567	3377	13151	11315	19523	13737	17733	13135	112335	13333	19333	11/16	1300
TOTAL ASSETS INTEREST ON TOTAL ASSETS	28362 842	85128 2584	136773 4193	196696 5301	26699 4 8310	333626	12133	441892 13347	467748 14938	531176 15333	525533 15768	541553 16247	\$67311 17931	535156 17855	623171 13343	519335 13471	853152 20045	652137 37351	(5513) [757]	19575	631751 17322	535321 13333	535733	17282	13605	871531 23133	683825 23515	53225 2077
TERESTIES T	52557	C * * f &	19753	* \$1.36	77336	15253	-4135	52145	25.105	37251	27211	23513	11115	32175	7 7 7 7 7	16135	25237				-71	1153		3:12	16525	23213	1/332	1377
CIVIE WORK	15552	28877	25186	23152	13512	44951	25513	17272	17487		16838			5965		15231								-	-			
FOREIGN CHRENCY	5957 3835	10366 18511	9312 15574	1		17522 265 \$ 9	3119 15333				7361 9277	1525 2577	3416 2466	2621 4311	5715 3523	517£ 19175												
SIGNALS AND TEEECOM	865	3628	2967	2153	€859	5334	2057	75%	891	658	\$25		- 	1859		2146			-			1557	1531	1274	7217	3542	1175	2.6
FOREIGN CURRENCY	118 747	633 2377	748 2213	591 1568	1111 5739	1524 4310	693 1487	231 523	148 733	212 157	149 276			293 1555	578 233)	\$12 1534						1372	315 1215	275 723	543 3552	2751 2751	239 \$85	3:
ELECTRIFICATION	1523	12306	3829	6133	21935	29390	9185	2345	4017	2826	2185	427	\$174	7817	3571	1791					373		2323	5/63	12115	17731	3321	11:
EDSEIGA CASZESCA FOCAF CASSESCA	288 1236	1761 11145	3155 6361	2526 3912		5539 15351	3931 5847	1443 1437	713 3374		327 1257	271 356	715 3318	•	1373 7233	2351 5120					75 757	559 5591	351 1133	555 1335	11573 11573	1503 3165	1752 2872	39 87
ROLLING STOCK	8997	11396	12183			4358	28934	2144?	3263	3665	9365	16311	13323	15111	1861											5937	11335	121:
FORTEGO CORREGGY	273 2727	363 11635				132 1227	363 28125	643 21814	3 <u>1</u> 71		273 9375		513 18759		2\$3 1372											271 3727	559 11535	1131
HANGSARAL USAK SHOP	1277	1277				~***	1735	1735							237		735			-								
EOSEIGA G ASSERCA FOCAT CASSERCA	311 356	311 9E6	292 835				313 1392	343 1392	333						151 517	171												
SALYAGE TALUE																												

Appendix Table - E (1) Financial Analysis of JABOTABEK Railway Project - Master Plan -

				1017	110	1387	1223	1931	1972	1333	1994	1395	1330	1337	1333	1333			2332			2335		2111	2,777	2,,,				
	1384	3355	1915		1788							29237		1	::: : ::	******	,,,,,,,			******	*******		>32347 I	312727 F	****** **	****** **	3124)	33147	31317	51233
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	2953	5335	8888	11810	14763	17715	23668	252)	26513	24>2>	72376	35 \ 33			11175	13132	25171	23331	23171	2)171	23153	20017	13111	17375	13533	13211	18352	18753	18376	12351
	378	2582	4363	5434	7401		31712	3534.0			14655	15133 		11545	12378	13133	35357	14153	13133	13,31		_ , , , ,	15757	11117	15259		15757 11133	15053 11133	11313 11133	1113)
	816 534	2985 1748	3031 2558	3879	5331 1122 321	6521 5667 385	7357 E535 435	2559 2352 432	\$973 7198 \$51	7724 545	6201 635	8335 617	3561 677	3259 757	3917 773	1)58) 331 1721	11139 35 3 1161	11137 353 1761	11157 758 1351	11133 353 1361	11137 358 1761	1113) 358 1351	953 1961	358 1761	353 1361)5\$ 1351	353 1361	35 3 1361	158 1951	1341
	213	49 297	137 330	199	651	763	1017	1178	1315	1401	1473	1498	1564	1613 5113	1672 5783	5053	:172	6322	(122	5122	316	5353	5331	5327	5533	\$152	1333	\$73\$	1325	5314
Ŧ	162	537	938	1574	2338	7641	3285	3758	3933	1233	4476		5357			 -	3322233 S		13*15	102222	13737	12783	19135	11)35	17333	19333	1)726	19853	10359	10137
	1133	639	655	165																										
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AL ASSETS	*****	******	******* \$1533	=======								20543																		
	=====	755555	======		***	8 X 7 T 7 £ £			45143	212242	16624	L191	5187	5365	15592	15231	12378													
	15552		25486	23152	+	47544	_	17272	(735				3116	1624	5315	5126	6377													
Y	5957 3635	19366 18511	3312 15574				35333				9237	2577	2455	1311	3523	4716	1718					1551		1234	7213	3512	1175	151	192	351
ECOR	865		2967	2153	£850	5334	2053		891		425			1853	2376	612	113					137 1372	315	275	5 43 3652	833 2731	230 585		55 125	31 252
r	118	633	748 2213	591 1568	1111 5739		69) 1 4 57	231 523	11F 733	212 457	516			1555	2331	1531					313				12115				1135	531
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	28£ 123£	1761		2526				1443 1497	713 3371		927 1257		5332 5332	1539 525)		3120	3100				755				11570	\$337	11335	12133	23732	
*	4937	11398	12183			4358	28331	21447	3259	9865		-		15111	3651 253		-									21)	339	315 11315	712	
Y	273					13! 4227	86) 28125	583 21818				15578	18750	15525	3372															
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Appendix Table - E (2) Financial Analysis of JABOTABEK Railway Project - Master Plan -

	1984	1935	1986	1987	1986	1989	1390	3931	1992	1993	1931	1995	1536	1357	3395	2732	รู้ขาว	739 <u>1</u>	2333	2378	2225	2115	313ë	211 <i>)</i>	2333	2103	2
FILLEGE PROCES. FINANCE TOTAL									-																16706		
BÖRRÖJING REPAYMENT BALANCE	28224 21281		516 \ 3	6149E 159366	72337 201758	75253 252195	205541	44155 349112	26365 353343	37361	28913 1654 403519	29543 3326 418554	31315 5169 343333	32774 7518 463354	38721 19985 489199	26995 12613 155152	25237 15255 486163	17396 459163	17352 151711	19225 \$32737		8333 21152 310727				23273 26216 312737	
FIRMOR IN FOREIGN COV				•••••	••••																						
SORROWING REPAYMENT	21281	45236	36863	16985	51392	59137	52326	31391	18331 359313	25454	29186 1354 433613	18351 3326	26614 5169	27784 7518 460364	23821 10388 150100	17652 12610 415152	16273 15256 136169	17006 460163	17952 151211	19225	355 23234 412197	7773 21352 338727	3235 22183 379119	2864 23872 358441	15332 25353 348413	23533 26246 332737	27
BALAYĆE INTEREST	21211 638	1936	3112	159366 4511	6053	1556	9151	19233	19771	11535	12103	12560	13233	13311	14493	14555	14585	11075	13536	13967	12353	31952	11333	10753	10152	19281	
FINANCE IN LOCAL CCY																											
BORROJING REPAYSEGT BALANCE INTEREST	6913	13128			21005	21915	15199	9163	8931	11107	\$727	2282		1393	££97	9243	8365				23	555	1155		393	2633	
23:21[1									******																		
RET CASAGLOS	1193	1824	2655	3123	3316	2125	****	6353	6228	**16	0.515	ante	2116	#1K7	7242	1495	6517	2163	3022	2,2	221V	, , ,	22,,,		720	207	
CASH IN	39361	67483	57403	69435	81766	86147	87835	59115	48564	57213	51161	45562	55891	62153	73530	61912	61381	36143	35143	35153	36522	19482	49593	33815	52458		53
OPERATING PROFIT DEPRECIATION SORROUNES	1975 162 28224	3223 597 58661	4753 998 51543	6356 1574 61436	7271 2338 72397	8253 2641 75253	3125 3285 53125	11252 3738 14155	15590 3193 26955	15643 4203 37361	17823 4426 28913	20237 1512 20513	22429 5357 31315	24273 5413 32774	26123 5785 38721	28138 5169 26905	39322 6122 25237	33922 6122	33322 6122		39728 5115 373	30175 5968 8337	30252 5391 4369	3)317 5827 3672	30604 5533 16325	33332 5162 33273	1
CASH OUT	24863	60653	51745	86997	78113	E2313	71218	54358	37735	48836	42085	35528	49587	51193	65212	54063	55078	31983	31488		32975		38226			• • • • • • •	
INVESTIBENT REPVICENT INTEREST	28224 638	5865 \ 1936		61498 4511		75253 7556	68125 2154	44155 20203		373£1 11535	1958	23643 3326 12553	5169	7518	35721 1338 <u>!</u> 14433	12613	15255	17396 14075			373 20231 12353		4359 22483 11383	3572 23372 10753		23213 26245 10281	2

Appendix Table - E (2) Financial Analysis of JABOTABEK Railway Project - Master Plan -

(Rp. million)

CCY

	1954	1935	1985	1987	1388	1353	1393	1331	1992	1333	1931	1995	1331	1357	3305	1339	3373	2391	יָנוני	2118	2114	\$33 <u>\$</u>	2336	2377	2))\$	2133	2917	2111	2312	2313
	28224 21281	5866 4 66517	\$16 \$3 1933\$6	61196 150366	72397 201758	75253 252195	68125 335121	11 155 310112	26365 359343	37361 323498	28313 1654 193519	29643 3326 418654	31315 5169 31333	32774 7518 360364	35721 11785 457177	26935 12613 255152	25237 35256 356163	17996 359163	1735? 151211	19225 531731	373 23234 312197	8339 21152 390727	\$359 22\$83 373\$\$3	3672 23872 358481	15325 25353 353519	23273 26216 312737	17335 27353 331132	13753 27759 317132	2533) 27359 315593	393 27359 283222
:¥ :-	21201	45236	36869	16989	51392	59437	52326	34391	18933	25151	20146 1264	18361 3326	26614 5163	27784 7518	23824 10388	17652 12613 545157	16273 15256 536169	17995 463163	17952 451211	19275 131385	355 23234 412197	7773 21152 338727	3205 22483 313449	2864 23872 358441	15332 25353 34841)	21533 26246 342737	15335 27159 331152	13923 27959 317392 3513	25551 27350 315583	715 21361 233223 2511
	6913	13428	14774	14516	21005	24935	15199	3163	8934	13197	8727	2282	4731	4393	8297	9243	8365				23	\$5\$	1155	898	193	2639	1772	733	323	133
	1193															******	======		*****	*****	22121 2	E = = = = = =	======	3:::::		22222	222222	-433	-345	337
	1433				81766	******				57213			58301			61912	61381	36143	36113	35153	35522		43593							
	30361 1975 167 28224	52483 3223 537 58664	57403 4758 998 51643	6356 1574 61196	7271 2338	8253 2641 75253	9425 3285	31252 3738 44155	13593 3393 26355	15648 4293 37361	17823 4426 28913	23613	5357 31315	5413 32774	5785 3 3 721	5369	39722 6322 25237	37922 6122	33322 6122 31428	5112 32184	5115 379 32975	8337 41453	38216	5827 3672			3333 17935	1771	1325 26333 52303	113
	28863 28224 638		51643	6143E	72335	75753	68125		26985	37351	28313 1054	23643 3326	31315 5163	32774 7518	3\$7?1 1993\$	26325 12613	25237 15256	17396	17352	19225	23231	21152	22183	23372 10753		26245	27163	27969	27363	

Appendix Table - F (1) Financial Analysis of JABOTABEK Railway Project - Master Plan -

CASE 2	1324	1985	1986	1987	1985	1989	1333	1931	1992	1333	1336		1395		1393	1990	2133	2371	2312	2134	2171	2335	2035	2337	2333	2173	2313
_	e===== #		:::::::::::::::::::::::::::::::::::::::	:	istsep# =		:::::::::::::::::::::::::::::::::::::::			::::::::::::::::::::::::::::::::::::::	17873	**************************************	2252)		2017	28137	33322	30)22	73122	31122	51323	51175	31252	3)317	30504	31)32	31247
OPERATING PROFIT	1975	3223	476S	635E ************************************	7271 ********	32>3 *******	142>	13232	1933V (11185		******		; i	1227722 1		222222	======										
PASSENGER REVENUE	2953	5335	3858		14763														,,,,,,	31173	31113						
OPARSITIES EXPENSE	97 5	2632	\$363	5484	7531	3402	11242	32352	12152	13872	15555	15133	15353	17355	181ēS		23173	23171		21171	23 <u>1</u> 84 	22317 	11211 11211	19375 11313	11221	13211	3535
HAREA COST HAREASTRIAN	216 334	2385 1745 40	3931 2558 137	3573 3222 193	5334 4422 321	6821 5667 385	7357 6535 435	859 7950 432	3273 7198 151	9674 7724 543	17223 8291 635	19519 8395 617	13236 5651 672	11545 2253 747	12373 2217 713	13133 13523 331	18113 11131 153 1761	15753 15133 358 1301	14713 11137 355 1161	11133 153 1351	13133 353 1291	11139 353 1381	11139 158 1151	11133 353 1351	11139 353 1361	11133 355 1351	1113 35 135:
PERSOLKEL COST EKERGY COST	213	237	336	113	651	763	1947	3116	1315	1471	1423	1198	1507	164? 5419	1572 5735	1721 5383	5122	6135	5122	5122	5115	\$158	5891	5527	5533	5162	1/307
DEPRECIATION COST	162	537	398	1574	3602	2641	3285	3778	3333	1293	1426	48 8 2	5357				-		=	E = # # # # #	******	423222		3152233 11376	10333	13211	1177
ret profit	1133																										
TOTAL ASSETS	28362	86128	135773	136836	265935	333535	475436	144632	15333	15933	15768	16247	17)53	17355	18313	13431	22338	13:51	11511	13735	11322	11);;	17317	19252	13070	2,24,	177-1
enzistri li	28.724	\$3628	51515	::::::: (157f	3237C	75253	19725	10155	2:7:5	37353 5000000	28313	27643 27643	31315	32777	33721	15305	25237		2444000	******	371	737)	1271	3772	13335	:5275 ******	1731
	15562				43612	41961				21232	-		5332														
CIVIL BOSK	5957	10366	3312	13658	17332	17522	3113	£477	6735 13752		7381	1528 2577	3416 2466	2524 5341	5715 3623	£115 13135	58) 7										
FOREIGN CONNERCY	3635		15574	17500		26553 5931	16033 2050	10775	381	£63	125	••••		1353	2935	2156						1563	1531	1233	3213	3542	
SIGNES AND TELECOR	233		23(7	2159	6859	1521	(3)	231	148	212	193			233	515	512					212220	137 3372	315 1216	275 323		E }] 2741	
toselea casserea foste casserea	118 747	639 2371	748 2219	1568		4319	1467	523	733	457	276			1565	233)	1535					37)					19731	
ELECTRIFICATION	1523	12905	9823	£132	21935	29377	3185	2346	1917		2185	427			1375	2353					23					1561	111
EDOAL CURRENCY FOREIGN CURRENCY	385 365f	_ 0	3450 6364	2525 3312		5533 35351	3937 5649	1449 149 <i>7</i>	713 3311	388 1381	927 1257	271 155	5333	525)	7313	5426					153	<u>6593</u>	1313	1135	1177	<u>)112</u> 3371	113
ROLLING STOCK		3133 6	12183	24742		\$35 2	2833%	21447	3263	3565	3665	16131	13513	13111				 -								27	
EDEAL CURRENCY	273 1727	369				131 5227	564 58182				230 3375	483 15525	533 1875)) 833										115
RAYGUARAL WORE SHIP	1277		3127				1735	1735	1311					·	131												
FOREIGN CURRENCY	311 986	311 960	232 835				343 3392	1392	312						24 1 597	531	j 51	Ē									
SALVAGE VALUE																											

Appendix Table - F (1) Financial Analysis of JABOTABEK Railway Project - Master Plan -

	1964	1985	1986	1337	1985	3382	1390	1331	1932	1933										2234					2173				2311	
=	1925	3223	=	***** = 635€	7271	3253	3125	11252	13599	15648	17823	23237	2232)	2427)	20123	20132	33722	30323	33322	37722 37722 	33)23	33175 33175	548344 = 37252 54444 =	3931) 3931)	30501	3))32	3124) ::::::::::::::::::::::::::::::::::::	31147	51317	31833
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• •	375		4783		7432			3335	12522	1397?	15555	15133	15353	17135	18165	13172		20171										13753	18376	19390
- -		2965 1748 40 237		3573 3222 193 433	5314 4422 321 651	682 <u>1</u> 5667 385 763	1357 6535 435 1347	865 7959 432 1178	3273 7138 451 1315		17223 2201 695 1423		19816 8681 672 1564		12373 3317 733 1572	13133		1571)	14143 11133 353 2761	14333 11133 353 1351	11333 1133 153 1251	2373) 11133 133 1361	15757 11137 158 1751	1505) 11137 353 1351	11 13 9 11 13 9 15 5 11 6 1	11247 11139 355 1991	353 1351	11133 11133 355 13(1	1401) 1113) 953 1951	153 1781
ī	167	597	338	1574	2038		3285	3775		4293	1126		5157	5413			5122	6122		5122		5758 	5891	5327	5533	5162 	¥303 			******
=				1.66	_333	-1245	-7/17	-/1	-315	613	2077	,,,,,	3232	2112												******	*******			
	28362	86128	135773	136838	2659)\	333636	434446 12133	343E3? *3547	457348 14338	501105 15033	525533 15768	541553 16247	557311 17334	535165 17855	622131 18353	643335 13471	568152 20115	652339 13251	555333 13677	£53727 13438	543951 13322	656521 13333	611337 13317	512735 13222	653523 13636	2)113	23525	2)786	\$1773	2134E
i	26223	******** *******	32073	(219)	72315	75253	11125	15155	2015	3735] 5135]	22013	27543	31315	32771	33721 33721	25335	25237	******	*******	******	######################################	177		3372	19319	3273	17125	:5759	986 %	363
•						44961																								
•	5957	10365 18511		13658 1752)	17392	17522 26512	3419	£437		13143	7361	1528		252¥ - ¥3¥1	5315 3623	£125 20105	58)7											151	112	351
€03	865	3508	2367	2159	6850	5231	2350	753	\$81	€€3	125			1853	2935	2146	1723					1553		1234		3542			65	
	118	630 2977	748 2219	591 1588	1133		£97 1469	231 523	143	212 457	143 276			293 1555	515 2333	512 1535	417					1372	315 1216	275 323	3552	2741	233 885	338	125	252
		12995	9823		21335	20313	9785	2316	1917	282€	2185	127	6191	7543	3874	7721	1133				373			2458	15112	19734	3321	1155	1116	549
	288	1761	3156 6364	2525		5533	3937 5849		713 3301	96E 13E1	327 1257	271 155	735 5338	15)7 525)	1375 7233	2384 5126	1514				23 353		1353		1117)			253	1115	503
		11996			2027		28331	23447	3267	9565	38€5	16111	13523	1311	1661											3337	11336	12183	24742	
,	273 E727	369	365	242 24333		131	\$63		25	230 9375	230 3375	483 15525		153	2 43 3372			- - -								200	361 11830		24223	
. 13P	1277		1187	= *-• •			1735	1735	1311						737	737	£38													
		311 35f					313 1312	343 13?2							'A 1 597	191	125													-570113

Appendix Table - F (2) Financial Analysis of JABOTABEK Railway Project - Master Plan -

	1384	1925	1936	1187	1388	1389	1799	1931	1332	1993	1334	1995	1996	1337	1338	1332	2393	2991	2912	2113	2335	2935	2938	2997	2938	\$003	291
FERNICE FOLLOW									-																		
BOLLOFICE TRANSPARAN BALANGE	28224 28224	8688	634 137836	137295	72397 3514 266173	75253 4966 335465	61125 7367 337523	49155 10612 431065	25965 14394 443636	37351 17155 453814	28913 23338 472453	20643 24066 469026	31315 26767 473575	3277 4 2623 8 476051	33721 23011 167731	26905 29035 485601	25237 23036 111742	28548 453194	28843 424350	2925 <i>1</i> 395193	379 29843 385628	2333 33144 343223	\$359 33155 318326	3572 30733 290333	15315 39335 275761	30326	1713 2923 25788
Flatice in Foneign Coy											-					*											
BÖAROMING REPAYMENT BALANCE INTEREST	21281 21281 1277	\$5235 66517 3991	6233	45952 350356 3022	51392 201758 12175	51437 252135 15132	5232E 395121 18397	3\$931 1055 3393\$8 233\$3	18331 3326 351653 21273	25454 5163 374338 22430	20166 7518 387606 23256	18351 19358 395573 23753	26611 12612 12612 123862 21533	27784 15255 422410 25345	23324 17135 135228 26114	17652 17352 434338 26336	16273 19225 431986 25913	20235 111752 25705	23436	22483 358317 22387	355 23172 314599 21576	7773 25363 327003 13521	3295 26246 3033E7 15238	2854 27060 273771 16786	16083	27060 261617 15597	1133
FINANCE IN LOCAL CCY													*****	• • • • • •				*****	•								
BORROHIG REPAYLENT GNANCE INTEREST	6913 6913 937	15128 2)371 2753	691 31153 4651	14516 2337 46932 6335	23175 3514 61427 1691	24916 4956 24273 11377	15133 7367 32402 12474	9163 3543 32317 12422	8931 11355 88933 1233	11307 11384 26305 12002	8727 12738 84845 11451	2282 13373 73148 9375	4791 14157 63593 8533	4990 13342 55640 7511	6837 17235 57537 7135	9243 11032 50663 6332	8965 9872 19755 5717	8314 41442 5515	7691 33751 3556	£775 2E975 3542	23 5971 21078 2532	555 4780 16814 2271	1155 3310 14353 1835	898 3739 11128 1502	393 3384 8737 1183	2633 2966 8 11 1135	170: 217: 733: 197:
\$6,33177																							*				
RET CASHFLOI	-77	-2321	-5/32	-3155	-11313	-20529	-25138	-28437	-33385	-31831	-32768	-32774	-32172	-31465	-33333	-71855	-25583	-22715	-31-12	-18862	-17715	-15031	-16160	. 1 2 3 4 4	-11663	-17716	-316
CASH FR	30361	52483	57403	63135	81766	26147	£9335	53115	14554	57213	51163	45552	5\$331	62463	73533	£1512	61381	36113	36143	36143	35522	11182	\$3533	39815	52465	53116	
OPERATING PROFIT DEPRECIATION DORROWHE	1375 162 28224	3223 597 58661	4758 328 51643	6356 1574 61496	7271 2018 72317	8253 2641 75253	9425 3285 88125	11252 3738 44355	13630 3303 26365	15543 4293 37361	17823 4426 28913	20237 4652 20643	22123 5357 31315	24273 5413 32774	26123 5786 35721	28138 5369 26335	30322 \$122 25237	32222	39922	30322 C122	32728 6115 373	5368	30252 5833 4363	30311 5821 3972	39524 5533 16325		3124 493:
CASH OUT	30138	E5435	63191	72891	96713	196727	195973	27532	74650	59714	83327	78337	31273	93328	133363	88875	\$537)	53243	55835	54385		69373	51652	52759	54731	72131	5212
REPAYSEUT BUTEREST	28224 2214	586E4 6741	634	2137	72326 3514 20502	75253 1165 26513	6:125 7357 337:1	41155 10012 32765	26955 14594 33232	37361 17153 34333	28313 29395 39710	20643 24355 35528	31315 26767 33191	32774 25238 32856	32721 21741 33232	26935 21935 32935	25237 29430 32636	23518 30313	22 <u>2</u> 43 27432	27257 75723	379 21313	30133	1353 3315€ 2013€	3572 33739 15233	16325 33444 17252	23273 33326 16832	1733: 2923: 1535

Appendix Table - F (2) Financial Analysis of JABOTABEK Railway Project - Master Plan -

1381	1985	1936	1187	1955	1371	1790	3931	1332	1333	3394	1935	1936	1337	1378	1333	2331	2991	2972	2573	2334	2335	2536	2927	2938	2039	2913	2511	2312	2913
28224	55664	51643	61476	22392	75253	62125	19155	259£5	37351	28913	23 6 N3	31315	32774	33721	26335					373	£339	435 0	3572	15325		17736	13759	28397	993
28274		634 337836	2937 197295	3514 266173	436E 335455	7367 397523	431755	14394 443636	453843	472450	163926	473515	476051	23011 187731	485891	431747	\$53194	£24359	395393	355£2B	313223	318326	33733 290833	275781	273928	257833	241113	24923 245571	22315%
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21281	L 5236	35859			57437		135%	3326	25151 5169	20166 3151 36368		26614 12613	27734 35256	29824 17335	17652 17352	16273 19225	23233	21152	22483	355 23872 334503		3295 26246 113367	285 \ 27050 273171	15332 27363 268353	27360	15395 27353 213352	26011 25052	25551 24141 252358	775 22457 215617
21281	3931	6223	3372	12125	35132	12397	23343	21273	22138	23256	23753	21533	25345	26115	2633E	25913	24705	23436	22287	21576	13521	15238	16786	16083	15597	11997	14217	14392	12937
6313	13125	14774 634	14516 2337	21005 3514	24116 4956	15333 7387	9163 3589	8954 11350	11997 31985	8727 12738	2282 13373	4731 14157	4993 13312	6897 12035	9243 11082	8965 9872	8314	1631	6175	23 5971	555 4783	1155 3910	835 3733	393 3384	2639 2965	1732 2175	739 1515	823 723	178 853
937	2757	4651	46937 6335	51127 5677	84273 1137	15414	32317 12422	£8383 12433	28335 12332		73148 9375	5533	55643 7511	2025	57663 6837	5717	5535		2697E 3542	2933	16814 2273	14759 1875	11123	6737 1183	8§11 1135	7937 1972	7162 967	7252 972	6537 883
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-77	-2321	-5182	-9455	-14343	-20510	-2513\$	-28417	-37786	-31801	-32768	-32771	-32472	-31165	-33333	-27863	-25587	-22735	-29592	-18843	-17715	-15831	-11143	-12314	-11563	-13715	-3161	-5513	-1250	-1356
30361	52483	57403	63436	£1766	86147	89335	57315	14554	57213	51161	45552	588)1	62153	73531	£1512	613:1	36113	35143	36343	355?2	33382	10503	39815	52168	59116	53240	\$9702	62524	37317
1375 162	3223 597	4758 328	6356 1574	7271 2035	£253 2641	9125 3285	11252 3733	13590 3990	155 <u>5</u> 2 4293		20237 4582		24270 5119	26123 5786	28138 5969	5122	33322 6122		30922 6322	39928 6315	39175 5968	30252 5831	30337 5827	3950¥ 5533	32332 5162	4993	4771	32817 4326	31833 \$319
28224		51643	£143E	72397		68125 100278		26985			20E43 78337		32774	35721 133363		25237 5537)	Cesta	55936	51986	373 5333	8333 69313	\$363 \$4652	3572 52753	16325 56331	23273 70131		13753		323 38133
39438	€5435	63131	78591		175727				39714								33643	J1837	71700										
28224	5866% 6741	634	611/36 2137 15357	72336 3514 20202	75253 \$165 28578	60125 7067 30751	10032	26955 11331 33202				25757	32774 25238 32256		26935 23335 32335	29000	23548 30303		29257			1359 3915E 2913E	3672 37739 18789	16325 33111 17262	25275 33326 16832	1739E 29235 16353	13759 27523 15184	26380 24923 15274	903 23320 13880

Appendix Table - G Economic Analysis of JABOTABEK Railway Project - Feasibility Study -

	1984			1927	3001	1329	1197	1991	1332	1913	1931		1975	1937	1395	1037	2993	7591	2992	2313	2335	2935	2006	2997		2313	
IMAE21NERS OILE	25077	-16115	-35398	-31190	3378	2352	4113	5157	747	5283	-1551	1058	-3387	2837	******* : 455	* * * * * * * * * * * * * * * * * * *	1347	 	:: 	*******		********	F###### :	=======================================	# # # # # # # # # # # # # # # # # # #	******	# 3 5 5
					3370 Erricke :	*******	*****	******	*****	*****	******	******	******			*****	-3*3EET :	2017 22224	2512		4145 :::::::	526 	51/3	8757	5232	-157)	- 3
ALT0001	20020		4771	3123	>>16	2012	4313	4853	5217	5283	6575	7307	\$33k		£ 0.24	4314				£230	£537			_			
ROAD CONSTRUCTION COST REQUIRED BUS VEHICLES REQUIRED STOAR VEHICLES	1757 1755 753	1135 231	2012 883	2153 365	232? 1951	2522 1151	2250 3262	3572 231	\$1\$3 1357	9225 1355	462) 1367	5121 2166	573% 2450	\$323 2753 965	5751 1513	2161	1522	2619		77 3 4	2257	5251	7153	7523	6212 1523		:
SALVAGE VALUE													2433	303	2010	2011	2579	333	1757	1351	2347	5100	2553	35.5	1513	2311	2
NI TH	25113		38819	37313		721		-1124	4458		8127	6213	12981	5237	6463	2845	1537				553	£64?	3412	1743			
CIVIE SORK	13386 924	23220 3789	3556 <u>3</u> 1579	9244 1936							1140	1110				2143	1159		· • • • • • • • • • • • • • • • • • • •							3331	11
ELECTRIFICATION ROLLING STOCK	1723		8310 12123	3777 23195		721		-1234			544	275				721	353				550	1235 1335	781 2861	693 2131		314	
HAYSSARAT HORK SIDP	1277	1277	1157	.,.,,				- 13 / 1	1458		5113	4535	12321	5232	6119						,,,,	****	4661	1131		£337	11
SALAVE AVIEC																											
SAMM COST OLES	1677	7772E	F2::22::	******	****** 1	: = = = = = = = = = = = = = = = = = = =		******	*****	*******	*****	*****== ;															
	======	221412E .	71./ =======	31:11 #######	211: ***********************************		2775	17221	1751	1733E ===================================	22327	15533	2355%	20053	21322	23355	21.27	-:	29702		******* : 27027	******* : 71697	****** :	PRESENT A	:4 * 2 * 2 * ;	******	**==
	23)2	4515	6553	£\$25	11933	13281	15573	17165		23232		.			****** :	****** =	******		=====:	******				******		24027	
ROAD HAINTENDICE COST	325	325	328	745			, ·						44214	3>3>3	16773 -	223SF	23465		33366	30055	23000						2.3
RAINTETALCE COST PERSOLUEL COST FUEL COST				326	32€	32€	326	328	325	325						28358		23365	23355	29365		23365	23965	23365	23785	23355	41
SEEAT .	833 166 438	1673 342 893	2501 526 1321	3313 719	\$113 922	1991 1137	5£70 1354	6183 1533	525 6798 1710	325 7110 1875	325 7535 2352	326 2893 2246	326 8273 2358	356 6613 2111		2835E 355 3675 2797	356 356 19124 3013	29965 356 19104	355	355 2010¥	355 1919t	355 1010k	355 19194	355 1010¥	355 19134	355 11134	
	16E 433	342 893	2501 520 1371	3313 719 1860	\$113	1901	5670 1354 3435	6183	6798	7110	325 7595	326 2893	326 8273	356 8843	355 3211	355 3675	35E 1919 \$	29965 356	355	355	355	355	355	355 19104 3713	355 19134 3313	353 11134 3013	
HAINTEANNE COST FUEL COST	166	342	2591 52€	3313 719	\$113 922	1991 1137	5£70 1354	6183 1533	6798 1719	7110 1875	325 7535 2352	326 2893 2246	326 8273 2358	356 6613 2111	355 3211 2531	355 3675 2797 6559 2359	356 19124 3913 6965	23365 356 13101 3013 5365 2117	355 13134 3313 6365	355 20191 3013 6965 2147	355 19191 3913 6965	355 1010k 3013 6965 2167	356 19194 3913 6365 2147	355 19194 3913 6365 2147	355 10114 3013 5365 2137	353 11124 3013 5365 2147	
BAINTEANICE COST	166 438 172	342 893 345	2591 520 1371 -515	3313 713 1860 684	\$113 922 2366 852	1991 1137 2891 1918	5570 1354 3435	5183 1533 3821	6798 1719 1227 1196	7110 1875 5583	325 7595 2352 4347 1553	326 7893 2246 5328	326 8273 2458 5724	356 6643 2414 5786 1864 6035	355 3241 2534 6148 1353 C483	355 3675 2797 6559 2359 6928	356 19124 3013 6965 2147 7381	23965 356 13104 3013 5065 2147 7361	355 13134 3313 6365 2147 2321	355 30191 3013 6965 2147 7331	355 19194 3913 6965 2147 7381	355 1010k 3013 6965 2147 7361	355 19104 3913 6365 2117 7381	355 19104 3013 6365 2147 7371	355 19134 3913 5365 2147 7331	353 11124 3013 5365	
HAINTEANICE COST FUEL COST ATTA PAINTEANICE COST	166 438 172 450	342 893 345 324 1711	2591 526 1371 -515 1414 2535	3313 719 1860 684 1924 2935	\$113 922 2366 852 2454 3327	1901 3137 2891 1918 3908 3537	5E78 1354 3435 1183 3587 3737	6183 1533 3821 1233 4131 3142	6798 1710 5227 1596 5435	7110 1875 1583 1595 4317	325 7535 2352 4347 1553 5218	326 7893 2246 5328 1672 5635	326 8273 2458 5724 1769 6972	356 8843 2414 5786 1864 6935	355 3241 2534 6145 1353 C489 4650	355 3675 2797 6559 2359 6928 5923	356 19124 3013 6965 2147 7381 5133	23965 356 1313 3313 5365 2147 7381 5133	355 1313 3313 6965 2147 7321 5135	355 20191 3013 6965 2147	355 19191 3913 6965	355 1010k 3013 6965 2167	356 19194 3913 6365 2147	355 19194 3913 6365 2147	355 10114 3013 5365 2137	353 11124 3013 5365 2147	
IMINTERANCE COST FUEL COST ATTA IMINTERANCE COST FUESONIZEL COST ENERGY COST	166 \$38 172 \$50 715	342 893 345 324 1711 1455 13 237	2501 526 1371 -515 1414 2535 	3313 713 1860 624 1924 2935 2774 123 332	\$113 922 2356 852 2855 3327 2586 216 525	1991 1137 2891 1918 3998 3537 2109 211 583	5070 1354 3435 1103 3586 3797 2057 2055 514	5183 1533 3823 1233 4731 3742 3747 263 633	6798 1719 1719 1227 1196 1435 3911 3037 265 641	7110 1875 1875 1875 1895 4317 4118 3114 305 692	325 7595 2752 4947 1553 5218 4314 3267 3267 323 698	326 7893 2246 5328 1672 5635 \$403	326 8273 2458 5724 1769 6972 4549 3433 368 248	356 8843 2414 5786 1864 6935 4705 3521 401 783	355 3241 2534 6148 1353 C489 4650 3640 413	355 3675 2797 6559 2359 6928 5928 3763	35E 19124 3013 69E5 7147 7381 5138 3*51 464	23965 356 13104 3713 5765 2147 7381 5133	356 13174 3213 6265 2147 7321 5138	355 30164 3013 6365 2147 7331 5132 3251 464	355 19194 3913 6965 2147 7381 5137	355 10104 3013 6965 2147 7361 5138	355 13104 3313 6365 2117 7383 5138 3851 484	355 19104 3913 6365 2147 7371 5138	355 19134 3913 5365 2147 7331 5132	355 11124 3013 5365 2147 7381 5138	1); 3 6 2; 7; 5;

BASE ČASE

Appendix Table - G Economic Analysis of JABOTABEK Railway Project - Feasibility Study -

{Rp. million}

	1732		193%	-	1996			3337	2313		2012		2374				2373	*	•	2011			Jateanu.	RAVISH RETURN	23.957}		
57 == ==	733	5283	-1551	1058	-3387	2837	454	7328	8907	5519	5178	£791	******* : \$1 \\$	\$28	5173	6759	\$212	-1571	: ******* -4164	220222 2222_	=======================================	 	Christa				
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13	1357	1355	1747	2186 2151	5731 2153	2753 965	5251 1513	7161	7522 2579	2511	7121 1357	0035 1051	2751 1947	5281 2106	2161 2500	7528 955	152) 1613	5121 2511	5735 2273	275) 323	5231 1157	7101 1355	1 ? 3 }	26930.21 -42752.94 -30778.04 -26553.28	26930.21 -15752.7% -15550.78 -73134.06	25339.21 -33152.88 -18537.65	26323.21 -5162.67 -24673.32
	3458		8127	6243	12981	5237	6443	1845	1533				551	£612	3112	1743		9111	31.126	12107	24135	-23231	\$ \$	13376.62 16471.35	-53317.45 -53845.61	-12528.43 5017.69 5513.68	-37333.75 -32381.16 -27162.33
			1163	1349				3140	1110	·													3	21223.85 2557 2.74	-21521.75 1017.98	4615.17 4328.71	-22238.23 -18519.49
•	MSE		511 5113	274 4535	18981	5237	6449	794	351				553	1738 1335	781 2661	593 1134		314 2337	11335	12123	23115) 1) 11 12 13 14	23158.20 30224.05 25112.53 31213.55 50233.53 35834.30	27235.13 57130.24 33549.77 115353.22 145501.02 181438.22	3027.93 3064.43 2053.61 1037.73 1129.55	-15101.55 -12127.13 -10373.53 -2033.50 -2133.50
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, ,	11531	20202	21630	23333	2351%	25353	16713 -	2235£	23365	21465	23266	29965	23985	23265	23965	23365	23165				*****	******	13 23	48217.33 48830.21	\$11051.02 \$50881.22	631.81 195.83 383.26	-2133.93 -1635.25 -1215.93
i e	325	325	325	316	326	35€	355	355	35€	355	355	355	355	355	355	355	355	355					21 22	16187.11 12865.70	595968.66 548934.36	285.51 235.43	-167.42 -755.00
5	6798 1719 4227	7112 1875 1583	7595 2352 4347	7893 2245 5328	8273 2458 5724	2813 2414 5726)241 25)4 614\$	3675 2747 E559	19191 3913 6965	13144 3413 5965	17174 3313 6365	10104 3013 6965	10101 3013 6965	10104 3013 6365	10104 3013 6385	10101 3013 6365	10134 3013 6365	13134 3013 5365	1010) 3013 6065	19131 3913 5385	356 13131 3313 6165	355 1717t 3713 8165	23 24 25 26 21	48218.34 48789.31 48281.75 40461.12	\$37152.70 6\\$3\\$2.01 69\\$23.76 73\68\.88	179.25 153.65 107.92 70.13	-575.76 -435.13 -327.20 -257.07
Ì	117E 1331	1435 4517	1553 5218	1672 5635	1769 6972	1864 6935	1353 E483	2050 692 \$	2147 7381	2147 7381	2147 7321	2147 7331	2147 7381	21 % 7 73 \$1	2347 7383	2147 7381	2137 7531	2147 7321	2147 7381	21\7 7381	2117 7381	2117 7381	28 29 33	38657.08 33536.33 25122.23	773341.95 \$76332.34 \$32121.77	51.95 35.92 2).35	-235.11 -171.13 -113.74
			4314	- 4493 	1513	4735	\$851	5323	5133	513\$	5335	5138	5132	5138	5138	5138	5133	5138	5133	5133	5133	5135	,,	238914.43	1371336.25	133.74	3.99
	333) 265 643	3114 335 638	3287 323 63£	3344 343 722	3433 358 748	3521 431 783	3640 413 731	376) 440 823	3151 161 823	3\$51 \$6\$ \$23	3551 454 823	3253 461 823	3251 4C4 223	3851 466 823	3853 484 823	3851 464 823	3851 364 823	3851 161 323	3251 484	3251 16%	5351 454	3753 464		,			
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Appendix Table - H Economic Analysis of JABOTABEK Railway Project - Feasibility Study -

{Bp, million}

CASE 1	3308	1755	1926	1757	1983	1323	13^3	101	1030	3113	1035	1125	1396	3337	1338	1121	2333	2171	2102	2045	277%	2295	7775	2377	5333	233)	2010	2
Leachton Diff	13-7"	- 1257.5	-73557	-31933	9291	***		7.3.75	- : : : 2	2175	-5393	-1905	-3332	-3032	-3365	1325	1544	2125	2153	2172	1655	-3537	-272	1331	2123	-7153	-1217	-)]
итоэл	££33 \$	123%	1237	1313	1325	1344	1351	2277	2757	2173	2125	2153	2178		3051	3179	3311	2128	2153	2178	2275	3)54	3170	3784	2128	2153	2178	2.
ROAD CONSTRUCTION COST REQUIRED BUS VEHICLES REQUIRED SETA, VEHICLES	47577 1257	1235	1237	1313	3320	1317.	1351	2235	2253	2173	212#	2153	2175	2235	3951	5173	3347	3125	2153	2175	2215	3155	3171	3744	2128	2153	2172	2
SALVASE VALUE																												
ulta	25113			37313		721		-1104	3450	÷	\$127	6243		5237	6443	1844	1529				559	6512	3412	1743			11396	
CAVIE WORK SIGNALS	11326 924	20220 3789	15551 1573	9243 1335		721					1149	1149				1140	1149					1736	781	693		311		
ELECTRIFICATION ROLLING STOCK HANGGAYAL GORG SHOP	1323 £937 1277	11594 11396	\$349 12123 1117	3177 23195				-1101	4452		544 6443	274 4235	12031	5237	6343	731	360				550	\$305	25€1	1131		3337	11376	12
SALVASE VALUE																												
ANN COLUMF	3251	1517	5127	3222	2275	5523	6795	7563	5530	223.7	3623	13537	11205	11351	12311	33375	11190	10155	10100	39377	1:1	16333	18150	29175	13166	111:	11108	3 :
.H1.13.)	3760	3228	4654	6142	7503	2265	13533	11525	12533	13359	14183		15835	18553	17494			13325		13324	13324	39324	13324	13324	13324	19323	13324	
ROAD HAIRTERVICE COST	328	32ō	326	326	326	32E	325	325	325	326	326	325	325	326	326	326	326	326	326	326	326	326	326	320	32ō	326	325	
SUS SATISTERANCE COST PERSONNEL COST FUEL COST SECAN SATISTERANCE COST FUEL COST	844 163 433	331	2547 439 1313	€€3	\$213 &\$1 2217	5355 1315 2671	5557 1191 3131	6443 1312 3144	7918 1435 3764	7167 353f 4023	7919 7643 4276	8368 1745 4555	8817 1655 433 7	9263 1363 5112	9738 2972 5388	10138 2172 5591	12687 2313 5393	19587 2313 5998	19587 2313 5932	39687 2313 5333	10587 2313 5338	19627 2313 5938	19527 2313 5338	13687 2313 5378	19587 2313 5393	17687 2313 5938	2313	2
भारत	715	1711	2535	2335	3327	3537	3787	3312	3313	4318	ŧ31 \	1633	1519	\$705	4551	5923	5135	5132	5138	5135	5138	5133	5138	5138	5138	5333	5133	5
ERESTA FOST BESEMBET COST BATHERSAGE COST	¥33 213	19 237	2137 34 312	2474 123 332	2583 218 525	2731 243 503	2807 255 614	3337 200 634	3932 25F 654	3114 335 C)S	3217 323 638	3314 343 722	3433 358 348	41) 763	3(4) 419 731	3757 443 823	3651 454 623	3453 464 823	3551 454 223	3\$51 464 123		381) 464 323	3851 454 823	3051 454 323	3851 165 823	3351 135 323	3151 104 823	
TIME SAVING SECEPT	241					2347	5377	3753	\$332	4567	5-32.3	5633	6133	€692	7252	7535	2173	5133	\$173	2663	\$197	£133		8113	3133	8133	3193	ક

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Appendix Table - H Economic Analysis of JABOTABEK Railway Project - Feasibility Study -

21	2932	1233	1125	1125	1336	1337	1935	1323	2113	2113	2102	2015	2171	2205	2105	2007	2333	2573	2014	2311	2312	2913	INTERNAL	RATE OF RETURN	14.660;		
	- 2 • 3	1111	-5333	-4.43:	- 1117	-3032	- 1155	1 2 7 2	1546	2423	215%	2178	1655	-3557	-212	1331	2123	-11)5	- 1217	- 1273	-21231	3177		Alta isterest sa			
	2212	23.53	2126	2157	2175	2225	3355	3173	1751	2128	2153	2372	2235	3354	3179	3211	2128	2153	2178	2235	335%	3273	PERIOR	CASHELOH	cen ston	GET BA	CG4 1981 199
 •-		2173	2125	2153	2175	2235	3751		3338	2125	2153	2175	2215	3155	3!71			2153	2172	2275	3051	_	1 2 3	25113,94 -45547,21 -34532,42 -31657,43	25113.94 -21133.27 -55923.69 -86581.09	25113.94 -30720.43 -26396.32 -20095.75	25113.15 -14616.43 -11912.61 -61198.56
۸ ق	1455		£127	624)	32381	5237	EANO	3234	1500				550	6542	3112	1743				12133		-2311	5 6 7	7415.81 8571.35 11413.43 14547.80	-79185.27 -79185.27 -73633.93 -59271.50 -34623.70	4335.38 4287.94 5329.23 5516.93	+51573.18 +53235.25 +53235.25 +53265.15 +52653.72
	<u>-</u>		1163	1112				3149	1149	·			_	1736	781	693		315		• •) 1)	19364.06 15225.13 8953.11	-31165.64 -12249.51 -2287.51	3533.43 4545.71 2277.67	-37141.51 -34502.12 -32225.15
35	1158		511 6113	274 4235	12031	5237	6113	73%	353				559	4395	25€1	3134		3337	11336	12133	23195		12 13 11	12105.43 7521.50 15617.90	2817.92 19339.43 25057.41	2625.67 3355.22 2635.13	-29531.50 -28931.71 -25140.12
						2277272			****				2 4 3 2 8 2 2		======	8 * <u>.</u> * 2 = 2 = 1			zzáz á za	5188 3 55	-	-211883	15 15 17	16527.39 22235.71 23323.53	42477.71 64723.42 £8652.95	2430.73 2354.49 2577.74	-23318.33 -29163.75 -17185.11
- ·	0.733	3757	3653	13533	11205	31253	12511	13315	15.150	11,100	1117	3 3 7	1117	14125	15157	11175	11165	11100	14133	17135	11175	35375	15 13 23	24512.97 23538.03	113165.92 137733.92 162267.55	2312.11 2355.22 1522.98	-15014.33 -13005.73 -11182.83
5	12533			15738	15:35		17434	18438	13328	19321	13321	13324	13324	13323	13325	13324	13324	13324	13321		19324	13324	21 22	24563.64 24040.26 18707.83	185397.81 205103.64	1555.93 1352.37	-3526.37 -8555.93
Ę.	325	326	325	325	325	326	326	326	326	326	326	326	326	326	326	326	326	326	325	326	326	325	23 24	22112.58 23685.55	227218.52 250301.97	1932.41 1916.71	-1411.52 -5463.21
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			474	•••	1510	5126		5431	£114	£110	5135	5135	5138	5133	5138	5138	5138	513\$	5138	5138	5138	5138	,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		1331.73	3.0.
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3	3932 250 635	3114 335 C35	3277 323 638	3315 343 722	353 748	\$73	413 731	149 823	£54 (23	16t 223	£5£ 223	167	\$53 \$23	\$£\$ 523	454 823	\$54 \$23	165 323	\$35 \$23	104 873	153 823	523	223		-			

