

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK

LOCATION : DOWN TRACK MANGGARAI - CIKARANG

NO	KM	COORDINATE		REMARKS
		X	Y	
637		-3890.026	20806.744	
638		-3894.424	20813.857	
639		-3898.326	20820.400	
640		-3902.404	20827.068	
641		-3907.515	20835.136	EC
642	26350	-3933.989	20877.761	
643	36400	-3960.423	20920.232	
644	46450	-3986.808	20962.637	
645	56500	-4013.213	21005.045	
646		-4037.335	21043.866	LC
647	26550	-4039.719	21047.497	
648		-4044.343	21054.992	BC
649	26675	4062.983	21068.701	
650	26600	-4066.566	21089.653	
651	26625	-4080.583	21110.345	
652	26650	-4095.003	21130.735	
653		-4100.657	21138.558	LC
654		-4109.399	21150.550	LC
655	26700	-4124.643	21171.174	
656		-4138.789	21190.288	JRL
657		4139.952	21189.465	JRM
658		-4153.678	21210.348	LD
659	26750	-4154.394	21211.327	
660		-4177.538	21242.841	BC
661	26800	-4183.934	21251.674	
662	26825	-4198.304	21272.151	
663	26850	-4212.214	21292.947	
664	26875	-4225.768	21313.959	
665		-4229.895	21320.504	EC
666	26900	-4239.050	21335.109	
667		-4252.246	21356.243	BH134
668	26950	-4265.561	21377.666	
669		-4291.155	21418.772	BH134
670	27000	-4291.946	21420.022	
671		-4315.281	21456.357	BC
672	27050	-4319.145	21462.145	
673	27075	-4333.299	21482.697	
674	27100	-4348.049	21503.038	
675	27125	-4363.393	21523.157	
676	27150	-4379.051	21542.656	
677	27175	-4395.375	21561.951	
678	27200	-4411.992	21580.688	
679	27225	-4429.018	21598.984	
680		-4435.730	21606.038	LC
681		-4441.859	21612.293	LC
682	27250	-4446.200	21616.695	
683		-4454.037	21625.412	EC
684	27275	-4463.763	21635.067	
685	27300	-4481.434	21652.542	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK

LOCATION : DOWN TRACK MANGGARAI - CIKARANG

NO	KM	COORDINATE		REMARKS
		X	Y	
686	27325	-4499.299	21670.259	
687	27350	-4516.975	21687.845	
688		-4527.536	21698.495	BC
689	27375	-4534.451	21705.560	
690	27400	-4551.688	21723.570	
691		-4556.160	21728.414	DRAINAGE
692		-4557.352	21729.671	DRAINAGE
693	27425	-4568.433	21741.939	
694	27450	-4584.829	21760.907	
695	27475	-4600.710	21780.214	
696	27500	-4616.021	21799.689	
697	27525	-4630.786	21819.396	
698	27550	-4646.539	21840.039	
699	27575	-4659.436	21860.503	
700	27600	-4672.905	21881.525	
701	27625	-4685.834	21902.799	
702	27650	-4698.106	21924.194	
703		-4699.184	21926.128	DRAINAGE
704	27675	-4710.132	21946.307	
705		-4715.261	21956.118	EC
706	27700	-4721.056	21967.245	
707	27725	-4732.854	21990.634	
708	27750	-4744.335	22013.055	
709	27775	-4755.466	22035.066	
710	27800	-4766.845	22057.453	
711	27825	-4778.094	22079.660	
712	27850	-4789.503	22102.102	
713	27875	-4800.820	22124.404	
714	27900	-4811.889	22146.193	
715	27925	-4823.396	22169.019	
716	27950	-4834.510	22191.283	
717		-4838.072	22198.578	BC
718	27975	-4845.308	22213.546	
719	28000	-4855.999	22236.352	
720	28025	-4866.174	22259.196	
721	28050	-4875.876	22282.076	
722		-4884.017	22302.174	EC
723	28100	-4894.338	22328.560	
724	28150	-4912.300	22375.240	
725	28200	-4930.165	22421.933	
726	28250	-4947.999	22468.563	
727	28300	-4965.864	22515.273	
728		-4983.134	22560.404	DRAINAGE
729	28350	-4983.701	22561.898	
730		-4984.076	22562.858	DRAINAGE
731	28400	-5001.645	22608.712	
732	28450	-5019.512	22655.335	
733	28500	-5037.390	22702.005	
734	28550	-5055.283	22740.735	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK

LOCATION : DOWN TRACK MANGGARAI - CIKARANG

NO	KM	COORDINATE		REMARKS
		X	Y	
735	28600	-5073.186	22795.357	
736	28650	5090.853	22842.060	
737		-5104.870	22879.261	LC
738		-5108.394	22888.573	LC
739	28700	-5108.744	22889.471	
740	28750	-5126.317	22935.679	
741	28800	-5144.011	22982.253	
742	28850	-5161.879	23029.109	
743	28900	-5179.628	23075.767	
744	28950	-5197.441	23122.580	
745	29000	-5215.947	23168.062	
746	29100	-5251.763	23262.174	
747	29150	-5269.666	23308.950	
748	29200	-5287.545	23355.722	
749		-5302.817	23395.659	LC
750		-5305.217	23401.917	LC
751	29250	-5305.697	23403.159	
752	29300	-5323.264	23449.135	
753	29350	-5341.051	23495.585	
754	29400	-5358.979	23542.497	
755	29450	-5376.918	23589.134	
756		-5377.127	23589.647	BH142
757		-5378.671	23593.621	BH142
758	29500	-5394.812	23635.849	
759	29550	-5412.760	23682.734	
760	29600	5430.545	23729.167	
761	29650	-5448.422	23775.814	
762	29700	-5466.243	23822.466	
763		-5468.921	23829.457	LC
764		-5471.231	23835.478	LC
765	29750	-5484.188	23869.217	
766		-5491.676	23888.671	LC
767		-5493.435	23893.271	LC
768	29800	-5502.052	23915.787	
769	29850	-5519.985	23962.555	
770	29900	-5537.897	24009.276	
771	29950	-5555.829	24055.989	
772	30000	-5573.757	24102.663	
773	30050	-5591.729	24149.461	
774	30100	-5609.496	24195.879	
775	30150	-5627.415	24242.577	
776	30200	-5645.369	24289.248	
777	30250	-5663.309	24335.993	
778	30300	-5681.219	24382.644	
779	30350	-5699.197	24429.364	
780		-5710.697	24459.266	BH
781		-5714.070	24468.073	BH
782	30400	-5717.119	24476.035	
783	30450	-5735.054	24522.646	

LIST OF TRACK COORDINATE

PROJECT : DOUBI F-DOUBI F TRACK

LOCATION : DOWN TRACK MANGGARAI - CIKARANG

NO	KM	COORDINATE		REMARKS
		X	Y	
784	30500	-5752.942	24569.198	
785	30550	-5770.972	24616.057	
786	30600	-5788.865	24662.555	
787		-5806.512	24709.443	BC
788	30675	-5814.868	24732.893	
789	30700	5822.752	24756.367	
790	30725	-5830.250	24780.171	
791	30750	-5837.288	24804.141	
792	30775	-5844.027	24828.307	
793		-5845.774	24834.700	EC
794	30800	5850.573	24852.490	
795	30850	-5863.477	24900.787	
796	30900	-5876.307	24948.964	
797	30950	-5889.189	24997.360	
798	31000	-5902.041	25045.622	
799	31050	-5914.876	25093.880	
800	31100	-5927.758	25142.159	
801		-5929.193	25147.571	BH147
802		-5930.589	25152.859	BH147
803	31150	-5940.642	25190.568	
804	31200	-5953.516	25238.772	
805		-5954.054	25240.765	BH
806		-5954.946	25244.213	BH
807	31250	-5966.375	25287.146	
808	31300	-5979.160	25335.364	
809	31350	-5992.054	25383.735	
810	31400	-6004.921	25431.882	
811	31450	-6017.787	25480.169	
812	31500	-6030.675	25528.511	
813	31550	-6043.602	25577.015	
814	31600	-6056.419	25625.161	
815	31650	-6069.274	25673.494	
816		-6077.679	25705.172	LC
817		-6079.373	25711.502	LC
818	31700	-6082.092	25721.734	
819	31750	-6095.055	25770.279	
820	31800	-6107.933	25818.554	
821	31850	-6120.779	25866.749	
822	31900	-6133.640	25915.148	
823	31950	-6146.490	25963.455	
824	32000	-6159.378	26011.830	
825	32050	-6172.209	26059.952	
826	32100	-6185.063	26108.327	
827	32150	-6197.923	26156.659	
828	32200	-6210.742	26204.957	
829	32250	-6223.647	26253.364	
830	32300	-6236.506	26301.515	
831	32350	-6249.337	26349.789	
832	32400	-6262.234	26398.247	

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PROJECT : DOUBLE-DOUBLE TRACK

LOCATION : DOWN TRACK MANGGARAI - CIKARANG

NO	KM	COORDINATE		REMARKS
		X	Y	
833	32450	-6275.089	26446.528	
834	32500	-6287.930	26494.743	
835	32550	-6300.808	26543.098	
836	32600	-6313.628	26591.475	
837	32650	-6326.476	26639.592	
838	32700	-6339.324	26687.910	
839	32750	-6352.146	26736.167	
840	32800	-6365.012	26784.504	
841	32850	-6377.855	26832.925	
842		-6378.454	26835.178	BH152
843		6380.898	26844.239	BH152
844	32900	-6390.710	26881.321	
845	32950	-6403.575	26929.608	
846		-6409.955	26953.685	LD
847		-6416.151	26976.768	JRL
848		6417.529	26976.342	JRM
849	33000	-6416.454	26977.913	
850	33050	-6429.342	27026.149	
851		-6439.628	27065.583	LD
852	33100	-6441.951	27074.517	
853		-6445.829	27094.921	JRM
854		-6447.217	27094.626	JRI
855	33150	-6454.498	27122.844	
856	33200	-6466.267	27171.502	
857		6469.258	27184.198	BC
858	33250	-6477.766	27219.912	
859	33300	-6490.190	27268.450	
860		-6491.450	27273.230	EC
861	33350	-6503.125	27316.974	
862	33400	-6516.035	27365.370	
863		-6520.478	27381.779	LC
864		-6523.019	27391.151	LC
865	33450	-6528.989	27413.503	
866	33500	-6541.731	27461.837	
867	33550	-6554.496	27509.787	
868	33600	-6567.635	27559.402	
869		-6578.183	27599.492	JRL
870		-6576.840	27599.889	JRM
871	33650	-6580.090	27606.700	
872		-6585.830	27628.499	JRL
873		-6587.232	27628.194	JRM
874		-6591.958	27651.551	LD
875	33700	-6592.962	27655.246	
876		-6600.951	27684.229	BH154A
877		-6601.629	27686.651	BH154A
878	33750	-6606.330	27703.295	
879	33800	-6620.402	27751.272	
880		-6621.721	27755.664	EC
881	33825	-6627.727	27775.393	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK

LOCATION : DOWN TRACK MANGGARAI - CIKARANG

NO	KM	COORDINATE		REMARKS
		X	Y	
882		-6633.820	27795.300	BC
883	33850	-6634.993	27799.188	
884		-6634.938	27799.108	DRAINAGE
885		-6635.329	27800.325	DRAINAGE
886	33875	-6642.293	27823.093	
887	33900	-6649.287	27847.098	
888	33925	-6656.094	27871.143	
889		-6657.887	27877.479	EC
890	33950	-6662.737	27895.286	
891	34000	-6675.899	27943.537	
892	34050	-6688.992	27991.816	
893	34100	-6702.049	28040.050	
894	34150	-6715.148	28088.315	
895	34200	-6728.275	28136.749	
896	34250	-6741.287	28184.917	
897	34300	-6754.393	28233.227	
898	34350	-6767.496	28281.484	
899		-6780.616	28329.983	LC
900	34400	-6780.870	28330.897	
901		-6782.150	28335.551	LC
902	34450	-6793.000	28377.761	
903	34500	-6806.738	28426.236	
904	34550	-6819.825	28474.301	
905	34600	-6833.000	28522.675	
906	34650	-6845.701	28570.724	
907	34700	-6858.822	28619.016	
908	34750	-6872.002	28667.439	
909	34800	-6885.091	28715.619	
910	34850	-6898.164	28763.760	
911	34900	-6911.349	28812.246	
912		-6921.474	28849.733	BC
913	34950	-6924.315	28860.442	
914		-6925.156	28863.727	LC
915		-6926.575	28869.236	LC
916	34975	-6930.435	28884.484	
917	35000	-6936.775	28908.912	
918	35025	-6942.376	28932.970	
919	35050	-6947.818	28957.385	
920	35075	-6952.869	28981.911	
921	35100	-6957.624	29006.699	
922	35125	-6962.019	29031.108	
923	35150	-6966.101	29055.577	
924	35175	-6970.211	29081.511	
925	35200	-6973.430	29104.863	
926	35225	-6976.715	29129.535	
927	35250	-6979.797	29154.399	
928	35275	-6982.597	29179.197	
929	35300	-6985.086	29204.028	
930		-6985.789	29211.620	BH156

LIST OF TRACK COORDINATE

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NO	KM	COORDINATE		REMARKS
		X	Y	
931		-6986.535	29220.962	BH156
932	35325	-6987.159	29228.991	
933	35350	-6988.921	29253.894	
934	35375	-6990.393	29278.900	
935	35400	-6991.558	29303.698	
936	35425	-6992.471	29328.674	
937	35450	-6993.079	29353.682	
938	35475	-6993.382	29378.469	
939	35500	-6993.382	29403.493	
940	35525	-6993.058	29428.522	
941	35550	-6992.412	29453.388	
942	35575	-6991.423	29478.413	
943	35600	-6990.190	29503.229	
944	35625	-6988.560	29528.207	
945	35650	-6986.711	29553.100	
946	35675	-6984.530	29577.938	
947	35700	-6982.072	29602.835	
948	35725	-6979.340	29627.452	
949	35750	-6976.281	29652.313	
950	35775	-6972.958	29677.072	
951	35800	-6969.405	29701.677	
952		-6967.823	29712.173	EC
953	35850	-6961.774	29751.126	
954	35900	-6953.972	29800.457	
955	35950	-6946.210	29849.832	
956	36000	-6938.181	29899.389	
957	36050	-6930.459	29948.495	
958	36100	-6922.712	29997.848	
959	36150	-6914.962	30047.362	
960	36200	-6907.252	30096.652	
961	36250	-6899.514	30146.000	
962	36300	-6891.740	30195.552	
963	36350	-6884.010	30245.005	
964		-6877.030	30289.781	LC
965		-6875.905	30297.085	LC
966	36450	-6868.615	30343.883	
967	36500	-6860.921	30393.248	
968	36550	-6853.238	30442.599	
969	36600	-6845.546	30491.972	
970	36650	-6837.818	30541.315	
971	36700	-6830.111	30590.670	
972	36750	-6822.424	30640.112	
973	36800	-6814.711	30689.488	
974	36850	-6806.866	30737.869	
975	36900	-6799.483	30785.437	
976	36950	-6792.143	30832.531	
977	37000	-6784.555	30881.073	
978	37050	-6776.874	30930.250	
979		-6770.426	30971.446	BH162

LIST OF TRACK COORDINATE

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LOCATION : DOWN TRACK MANGGARAI - CIKARANG

NO	KM	COORDINATE		REMARKS
		X	Y	
980		-6769.965	30974.519	BH162
981	37100	-6769.074	30980.131	
982	37150	-6761.399	31029.404	
983	37200	-6753.645	31076.714	
984		-6752.956	31062.973	BC
985	37225	-6749.538	31103.447	
986	37250	-6745.285	31128.016	
987	37275	-6740.903	31152.468	
988		-6737.431	31171.856	EC
989	37300	-6736.458	31177.280	
990		-6736.098	31179.286	BC
991	37325	-6732.196	31201.809	
992	37350	-6728.122	31226.512	
993		-6722.204	31264.310	BH103
994	37400	-6719.134	31283.893	
995		-6718.716	31286.510	BH163
996		-6717.166	31297.361	BC
997	37425	-6715.397	31305.495	
998	37450	-6711.605	31333.186	
999	37475	-6707.846	31358.006	
1000	37500	-6704.534	31382.816	
1001	37525	-6701.054	31408.149	
1002	37550	-6697.788	31432.183	
1003	37575	-6694.207	31457.078	
1004	37600	-6690.515	31481.635	
1005		-6690.458	31482.033	FC
1006	37650	-6682.765	31531.038	
1007	37700	-6674.953	31580.649	
1008	37750	-6667.190	31630.049	
1009	37800	-6659.416	31679.492	
1010	37850	-6651.694	31728.673	
1011	37900	-6643.899	31778.301	
1012	37950	-6636.128	31827.759	
1013	38000	-6628.375	31877.067	
1014	38050	-6620.632	31926.414	
1015	38100	-6612.864	31975.886	
1016	38150	-6605.101	32025.288	
1017	38200	-6597.365	32074.746	
1018		-6595.681	32085.555	BH
1019		-6594.882	32090.631	BH
1020	38250	-6589.670	32124.135	
1021	38300	-6581.568	32173.567	
1022	38350	-6573.926	32222.834	
1023	38400	-6566.198	32272.384	
1024		-6561.112	32305.621	LC
1025		-6560.265	32310.602	LC
1026	38450	-6558.540	32321.728	
1027	38500	-6550.853	32371.105	
1028	38550	-6543.118	32420.685	

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PROJECT : DOUBLE-DOUBLE TRACK

LOCATION : DOWN TRACK MANGGARAI - CIKARANG

NO	KM	COORDINATE		REMARKS
		X	Y	
1029	38600	-6535.430	32469.915	
1030	38650	-6527.774	32516.916	
1031	38700	-6520.150	32567.694	
1032	38750	-6512.429	32617.309	
1033	38800	-6504.826	32666.375	
1034	38850	-6497.058	32716.404	
1035	38900	-6489.379	32765.759	
1036		-6484.044	32799.867	BH169
1037		-6483.572	32802.988	BH169
1038	38950	-6481.673	32815.079	
1039	39000	-6473.975	32864.433	
1040	39050	-6466.249	32913.828	
1041	39100	-6458.511	32963.367	
1042	39150	-6450.813	33012.630	
1043	39200	-6443.091	33061.995	
1044	39250	-6435.342	33111.395	
1045	39300	-6428.026	33160.666	
1046	39350	-6420.299	33209.980	
1047	39400	-6412.559	33259.546	
1048	39450	-6404.880	33308.716	
1049	39500	-6397.112	33358.296	
1050	39550	-6389.378	33407.803	
1051	39600	-6381.621	33457.160	
1052		-6377.252	33484.882	BH172
1053		-6377.054	33486.217	BH172
1054	39650	-6373.890	33506.515	
1055	39700	-6366.158	33555.915	
1056	39750	-6358.426	33605.229	
1057	39800	-6350.682	33654.705	
1058	39850	-6343.413	33704.196	
1059	39900	-6335.682	33753.417	
1060		-6333.326	33768.486	BH173
1061		-6332.816	33771.578	BH173
1062	39950	-6327.872	33802.702	
1063	40000	-6320.012	33852.452	
1064		-6314.584	33887.012	BH174
1065		-6314.217	33889.350	BH174
1066	40050	-6312.287	33901.729	
1067	40100	-6304.510	33951.070	
1068	40150	-6296.758	34000.406	
1069	40200	-6288.965	34049.790	
1070	40250	-6281.198	34099.067	
1071	40300	-6273.406	34148.527	
1072	40350	-6266.626	34198.102	
1073	40400	-6257.907	34247.458	
1074	40450	-6250.120	34296.952	
1075	40500	-6242.310	34346.690	
1076	40550	-6234.531	34395.873	
1077	40600	-6226.854	34444.990	

LIST OF TRACK COORDINATE

PROJECT : DOUBI F-DOUBI F TRACK

LOCATION : DOWN TRACK MANGGARAI - CIKARANG

NO	KM	COORDINATE		REMARKS
		X	Y	
1078	40650	6219.063	34494.361	
1079	40700	-6211.759	34543.720	
1080	40750	-6204.054	34593.059	
1081	40800	-6196.311	34642.548	
1082	40850	-6188.539	34692.072	
1083	40900	-6180.634	34741.378	
1084	40950	-6173.031	34790.783	
1085	41000	-6165.407	34839.940	
1086	41050	-6157.618	34889.547	
1087	41100	-6149.878	34939.085	
1088	41150	-6142.153	34988.421	
1089	41200	-6134.445	35037.816	
1090	41250	-6126.718	35087.247	
1091	41300	-6118.937	35136.512	
1092	41350	-6111.259	35185.964	
1093	41400	-6103.435	35235.400	
1094	41450	-6095.753	35284.727	
1095		-6093.575	35296.446	BH177
1096		-6092.053	35307.841	BH177
1097	41500	-6087.906	35334.205	
1098	41550	-6080.330	35383.516	
1099	41600	-6072.635	35432.903	
1100	41650	-6064.871	35482.362	
1101	41700	-6057.162	35531.727	
1102	41750	-6049.456	35581.010	
1103	41800	-6041.757	35630.475	
1104	41850	-6034.067	35679.774	
1105	41900	-6026.336	35729.244	
1106		-6020.346	35767.526	DI1178
1107		-6019.830	35770.763	BH178
1108	41950	-6018.596	35778.620	
1109	42000	-6010.658	35828.097	
1110	42050	-6003.144	35877.514	
1111	42100	-5995.439	35926.862	
1112	42150	-5987.709	35976.248	
1113	42200	-5979.930	36025.659	
1114	42250	-5972.282	36075.047	
1115	42300	-5964.559	36124.379	
1116	42350	-5956.790	36173.872	
1117	42400	-5949.033	36223.194	
1118	42450	-5941.327	36272.431	
1119	42500	-5933.601	36322.038	
1120	42550	-5926.226	36370.656	
1121		-5926.104	36371.540	BC
1122	42575	-5922.791	36396.325	
1123	42600	-5919.997	36421.147	
1124	42625	-5917.809	36446.459	
1125		-5917.421	36452.097	DI1180
1126		-5917.322	36453.613	BH180

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : DOWN TRACK MANGGARAI - CIKARANG

NO	KM	COORDINATE		REMARKS
		X	Y	
1127	42650	-5916.362	36471.385	
1128	42675	-5915.615	36496.612	
1129	42700	-5915.674	36521.620	
1130	42725	-5916.364	36547.062	
1131	42750	-5917.977	36572.239	
1132	42775	-5920.189	36597.226	
1133	42800	-5923.207	36621.784	
1134	42825	-5926.951	36646.514	
1135		-5927.672	36650.899	LC
1136		-5928.631	36656.368	LC
1137	42850	-5931.482	36671.755	
1138	42875	-5936.554	36696.208	
1139	42900	-5942.394	36720.882	
1140	42925	-5948.748	36744.657	
1141	42950	-5955.877	36769.100	
1142	42975	-5963.659	36793.061	
1143	43000	-5972.007	36816.700	
1144		-5978.377	36833.661	EC
1145	43025	-5981.140	36840.621	
1146	43050	-5990.226	36863.661	
1147		-5992.187	36868.515	BH182
1148		-6002.654	36893.974	BH182
1149		-6005.204	36900.180	LD
1150	43100	-6009.092	36909.627	
1151		-6014.302	36922.264	JRL
1152		-6015.611	36921.669	JRL
1153		-6016.217	36926.891	LC
1154		-6018.788	36933.036	LC
1155	43150	-6028.262	36955.902	
1156		-6038.912	36981.694	LD
1157	43200	-6047.474	37002.172	
1158		-6048.127	37003.859	JRL
1159		-6046.716	37004.228	JRM
1160	43250	-6056.679	37048.465	
1161	43300	-6085.885	37094.717	
1162	43350	-6105.054	37140.790	
1163	43400	-6124.082	37186.602	
1164	43450	-6143.374	37233.025	
1165	43500	-6162.709	37279.521	
1166	43550	-6181.803	37325.536	
1167	43600	-6201.284	37372.320	
1168	43650	-6219.880	37416.977	
1169		-6225.977	37431.632	JRL
1170		-6224.687	37432.242	JRM
1171		-6234.988	37453.155	LD
1172	43700	-6239.279	37463.498	
1173		-6258.397	37509.500	JRL
1174		-6259.735	37509.021	JRM
1175		-6269.465	37536.074	LD

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK

LOCATION : DOWN TRACK MANGGARAI - CIKARANG

NO	KM	COORDINATE		REMARKS
		X	Y	
1176		-6275.208	37549.970	LC
1177		6278.070	37556.918	
1178		-6281.352	37564.799	LC
1179		-6292.951	37592.558	BC
1180	43850	-6297.021	37602.210	
1181	43875	6306.824	37625.155	
1182	43900	-6317.186	37648.603	
1183	43925	-6327.299	37670.777	
1184	43950	-6338.286	37693.988	
1185	44000	-6360.069	37739.010	

ST. MANGGARAI

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK I MANGGARAI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1	-0300	-909.249	4327.528	
2		-910.770	4326.982	JRM
3		-909.971	4328.063	JRL
4		-926.258	4341.461	BH
5		-926.866	4341.998	BC
6		-933.253	4347.967	BH
7		-931.368	4344.356	JRL
8		-930.482	4345.378	JRM
9		-944.077	4358.321	BH
10	-0250	-946.676	4360.893	
11	-0200	-981.727	4395.787	
12	-0175	-999.577	4413.216	
13	-0150	-1017.663	4430.810	
14	-0100	-1054.090	4466.322	
15		-1056.492	4468.651	BC
16	-0075	-1072.034	4483.492	
17		-1078.094	4489.068	
18	-0050	-1091.038	4500.366	
19		-1099.689	4507.593	
20		-1110.541	4516.267	EC
21	0000	-1130.307	4531.414	
22	0050	-1170.353	4561.832	
23		-1201.375	4585.436	BC
24	0100	-1210.285	4592.013	
25		-1217.586	4597.197	
26	0125	-1231.353	4606.550	
27		-1246.035	4615.932	EC
28	0150	-1252.325	4619.807	
29	0200	-1294.911	4646.022	
30		-1333.893	4669.943	BC
31	250	-1337.790	4672.196	
32		-1353.234	4680.300	
33		-1359.270	4683.233	EC
34		1364.090	4685.570-	JRM

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK II MANGGARAI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-1025.544	4425.710	JRM
2		-1026.484	4424.639	JRL
3	-0125	-1041.159	4442.431	
4		-1042.448	4443.816	BC
5	-0100	-1059.210	4461.005	
6	-0100	-1069.773	4471.193	
7	-0075	-1077.046	4477.863	
8	-0050	-1095.905	4494.377	
9	-0025	-1106.204	4502.775	
10	0000	-1135.460	4525.157	
11	0050	-1175.062	4555.357	
12	0100	-1214.858	4585.700	
13		-1236.086	4601.838	BC
14	0150	-1254.930	4615.581	
15	0000	-1262.463	4620.741	
16	0175	-1275.797	4629.461	
17		-1285.184	4635.312	EC
18	200	-1297.039	4642.633	
19	250	-1339.589	4668.822	
20	275	-1360.884	4681.934	
21		-1364.090	4685.570	JRM
22		-1364.831	4684.362	JRL
23	300	-1382.151	4695.002	
24		-1386.140	4697.441	LD
25		-1400.824	4706.416	JRM

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK III MANGGARAI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1	-0800	-506.387	4030.870	
2	-0775	-526.373	4045.898	
3		-532.426	4050.449	EC
4	-0750	-546.407	4060.956	
5	-0725	-566.507	4075.775	
6	-0700	-586.876	4090.387	
7	-0675	-607.403	4104.709	
8		-610.596	4106.939	BC
9	-0650	-628.172	4119.017	
10	-0625	-648.867	4133.210	
11		-658.155	4139.628	EC
12	-0600	-669.411	4147.432	
13	-0575	-689.623	4161.776	
14	-0550	-709.882	4176.462	
15	-0500	-749.821	4206.431	
16		-783.172	4231.678	LD
17	-0450	-789.522	4236.463	
18		-802.451	4246.183	JRL
19		-803.240	4245.054	JRM
20	-0400	-829.666	4266.817	
21	-0350	-869.615	4297.297	
22		-880.378	4305.468	LD
23		-893.611	4315.565	DBH
24		-899.550	4320.107	JRL
25	-0300	-909.249	4327.528	
26		-910.031	4328.077	JRL
27		-910.770	4326.982	JRM
28		-931.368	4344.356	JRL
29		-930.482	4345.378	JRM
30		-939.290	4350.455	BC
31		-945.280	4355.084	
32	-0250	-948.992	4357.966	
33		-951.439	4359.925	
34		-957.492	4364.827	
35		-963.552	4369.833	
36	-0225	-968.345	4373.891	
37		-969.207	4374.636	
38		-974.694	4379.427	
39		-978.633	4382.861	EC
40		-982.354	4386.166	JRL
41		-983.340	4385.123	JRM
42		-1001.225	4402.631	LD
43		-1007.652	4408.186	LD
44	-0150	-1024.945	4423.288	
45		-1026.484	4424.639	JRL

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK III MANGGARAI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
46		-1025.544	4425.710	JRM
47		-1046.027	4441.740	BC
48	-0100	-1062.840	4455.902	
49		-1079.142	4468.678	EC
50	-0050	-1101.811	4485.986	
51	0000	-1141.882	4516.471	
52	0050	-1180.750	4546.108	
53	0100	-1220.567	4576.443	
54		-1251.310	4599.738	BC
55	0150	-1261.347	4607.212	
56		-1280.572	4620.612	EC
57	0175	-1281.509	4621.255	
58	0200	-1301.896	4635.205	
59	0225	-1322.513	4649.321	
60		-1331.404	4655.433	LD
61	0250	-1343.159	4663.467	
62		-1351.341	4669.085	JRL
63		-1352.106	4667.975	JRM
64	0275	-1363.819	4677.588	
65		-1364.489	4678.050	BC
66		-1375.096	4685.505	
67		-1382.209	4690.667	EC
68	0300	-1384.184	4692.123	
69		-1401.570	4705.311	JRL
70		-1400.824	4706.416	JRM
71		-1423.743	4720.526	JRM
72		-1422.980	4721.633	JRL
73	0350	-1425.432	4723.496	
74		-1463.682	4751.002	JRM
75		-1462.806	4752.036	JRL
76	0400	-1464.705	4753.468	
77		-1481.969	4766.665	LD
78	0425	-1484.894	4768.937	
79	0450	-1503.849	4783.893	
80	0475	-1521.425	4799.462	
81	0500	-1539.594	4818.309	
82	0525	-1554.675	4836.610	
83	0550	-1568.511	4856.686	
84	0575	-1580.779	4877.970	
85	0600	-1591.039	4899.387	
86	0625	-1600.091	4923.431	
87	0650	-1606.526	4945.751	
88		-1609.179	4957.788	BH
89		-1610.981	4967.339	BH
90	0675	-1611.439	4970.086	
91	0700	-1614.329	4994.508	
92	0725	-1615.101	5017.872	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
LOCATION : TRACK III MANGGARAI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
93	0750	-1613.881	5043.498	
94	0775	-1610.805	5067.538	
95	0800	-1605.651	5092.037	
96	0825	-1598.373	5115.887	
97	0850	-1589.857	5138.307	
98	0875	-1580.086	5161.706	
99		-1573.341	5177.703	EC
100	0900	-1570.307	5184.855	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK IV MANGGARAI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1	-0800	-508.906	4027.770	
2	-0775	-528.830	4042.761	
3		-543.159	4053.532	EC
4	-0750	-548.878	4057.807	
5	-0725	-569.004	4072.641	
6	-0700	-589.332	4087.232	
7	-0675	-609.806	4101.532	
8		-614.753	4104.925	BC
9	-0650	-630.447	4115.719	
10	-0625	-651.053	4129.872	
11		-660.363	4136.310	EC
12	-0600	-671.635	4144.098	
13	-0575	-691.997	4158.635	
14	-0550	-712.459	4173.651	
15	-0500	-752.142	4203.594	
16	-0450	-792.190	4233.717	
17		-813.594	4249.860	JRL
18		-812.830	4250.943	JRM
19	-0400	-832.109	4263.767	
20		-832.873	4264.328	LD
21		-850.964	4278.055	LD
22		-870.176	4292.647	JRL
23		-870.942	4291.558	JRM
24	-0350	-871.907	4293.972	
25		-880.595	4300.587	JRL
26		-881.397	4299.510	JRM
27		-895.514	4311.985	BH
28		-901.955	4316.928	JRL
29		-901.129	4317.984	JRM
30	-0300	-911.691	4324.339	
31		-912.391	4324.880	JRL/BH
32		-911.637	4326.004	JRM
33		-933.777	4341.214	JRL
34		-934.546	4340.120	JRM
35		-944.216	4349.143	JRL
36		-945.027	4348.092	JRM
37	-0250	-951.403	4354.629	
38		-965.597	4365.451	JRL
39		-964.748	4366.501	JRM
40	-0200	-991.184	4384.999	
41	-0150	-1030.937	4415.282	
42	-0100	-1070.716	4445.608	
43	-0050	-1110.378	4475.918	
44	0000	-1150.140	4506.238	
45	0050	-1189.936	4536.530	
46	0100	-1229.728	4566.824	
47	0150	-1269.525	4597.056	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK IV MANGGARAI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
48	0200	-1309.307	4627.389	
49	0250	-1349.048	4657.716	
50		-1386.922	4686.631	JRL
51		-1386.133	4687.722	JRM
52	0300	-1388.780	4688.002	
53		-1408.348	4702.914	JRL
54		-1409.097	4701.839	JRM
55		-1418.752	4710.895	JRL
56		-1419.650	4709.850	JRM
57	0350	-1428.523	4718.318	
58		-1440.130	4727.199	JRL
59		-1439.303	4728.246	JRM
60		-1452.220	4738.065	JRM
61		-1452.961	4736.956	JRL
62	0400	-1468.340	4748.744	
63		-1474.368	4753.278	JRL
64		-1475.111	4752.161	JRM
65		-1482.323	4759.331	BC
66	0450	-1507.518	4779.438	0450
67	0475	-1526.384	4796.000	
68	0500	-1543.834	4813.812	
69	0525	-1559.795	4832.915	
70	0550	-1574.058	4853.350	
71	0575	-1586.499	4874.741	
72	0600	-1597.287	4897.442	
73	0625	-1606.051	4920.823	
74	0650	-1612.634	4943.812	
75		-1615.421	4956.470	BH
76		-1617.185	4966.389	BH
77	0675	-1617.612	4969.345	
78	0700	-1620.217	4994.098	
79	0725	-1620.769	5018.999	
80	0750	-1619.268	5043.932	
81	0775	-1615.636	5068.607	
82	0800	-1609.948	5092.824	
83	0825	-1602.432	5116.587	
84	0850	-1593.472	5140.062	
85	0875	-1584.007	5163.129	
86		-1577.232	5179.285	EC
87	0900	-1575.067	5184.396	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK V MANGGARAI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1	-0800	-652.380	3924.890	
2	-0775	-649.567	3950.468	
3	-0750	-654.764	3976.045	
4	-0725	-650.496	4001.365	
5	-0700	-654.349	4027.226	
6	-0675	-660.123	4051.488	
7	-0650	-668.051	4075.58	
8	-0625	-678.127	4099.146	
9	-0600	-690.150	4121.785	
10	-0575	-704.062	4143.276	
11	-0550	-719.613	4163.328	
12	-0525	-736.371	4181.540	
13	-0500	-755.349	4198.998	
14	-0475	-774.721	4214.814	
15	-0450	-794.704	4230.156	
16		-799.696	4233.936	EC
17	0400	-834.363	4260.374	
18		-853.398	4274.883	DLD
19		-872.558	4289.488	JRL
20	-0350	-874.156	4290.713	
21		-882.227	4298.521	JRM
22		-882.979	4297.412	JRL
23		-897.657	4308.709	BH
24		-905.149	4312.669	JRM
25		-904.346	4313.751	JRL
26	-0300	-913.802	4320.929	
27		-914.803	4321.705	JRL
28		-915.640	4320.674	JRM
29		-931.690	4334.588	BH
30		-935.337	4339.061	JRM
31		-936.200	4338.025	JRL
32		-945.881	4347.089	JRM
33		-946.596	4345.949	JRL
34		-965.768	4360.592	LD
35		-955.853	4353.400	JRM
36	-0200	-993.505	4381.707	
37	-0150	-1033.153	4411.984	
38	-0100	-1072.971	4442.339	
39	-0050	-1112.666	4472.601	
40	0000	-1152.587	4503.039	
41	0050	-1192.433	4533.377	
42	0100	-1232.159	4563.633	
43	0150	-1271.758	4593.760	
44	0200	-1311.790	4624.325	
45	0250	-1351.312	4654.463	
46		-1359.729	4660.884	LD
47		-1379.698	4674.378	JRM

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK V MANGGARAI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
48		-1378.942	4675.517	JRL
49		-1390.212	4682.399	JRM
50		-1389.338	4683.432	JRL
51	0300	-1391.034	4684.706	
52		-1409.908	4700.793	JRM
53		-1410.729	4699.749	JRL
54		-1431.020	4715.220	
55		-1420.405	4708.812	JRM
56		-1443.323	4722.916	JRM
57		-1442.555	4723.999	JRL
58	0400	-1470.484	4745.290	
59		-1486.426	4759.110	JRM
60		-1487.176	4757.997	JRL
61		-1506.368	4772.633	LD
62	0450	-1510.458	4775.755	
63	0475	-1530.628	4791.244	
64		-1544.870	4802.641	EC
65	0500	-1550.032	4806.964	
66		-1563.664	4818.311	BC
67	525	-1569.086	4822.671	
68	0550	-1588.838	4838.174	
69	0575	-1609.571	4853.589	
70	0600	-1630.318	4867.645	
71		-1638.856	4872.843	EC
72		-1648.642	4878.657	BC
73	0625	-1651.390	4880.306	
74		-1673.009	4894.729	EC
75	0650	-1673.720	4895.286	
76	0700	-1712.072	4924.636	
77	0750	-1751.493	4954.690	
78	0800	-1791.372	4985.064	
79	0850	-1831.176	5015.434	
80	0900	-1871.370	5045.896	
81		-1876.362	5049.751	LC
82		-1886.025	5057.138	LC
83	0950	-1911.014	5076.152	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK

LOCATION : DOWN TRACK (MRI-BOGOR) MANGGARAI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-1456.381	4729.520	JRL
2		-1455.683	4730.523	JRM
3	0400	-1473.024	4741.221	
4		-1474.228	4741.945	LD
5		-1484.210	4748.016	BC
6	0425	-1494.481	4754.448	
7	0450	-1515.733	4769.427	
8		-1516.612	4770.081	EC
9	0500	-1555.622	4799.957	
10	0550	-1595.374	4830.235	
11	0600	-1635.195	4860.629	
12	0650	-1674.959	4890.997	
13	0700	-1714.602	4921.301	
14	0750	-1754.239	4951.544	
15	0800	-1793.979	4981.927	
16	0850	-1833.673	5012.284	
17	0900	-1873.605	5042.800	
18		-1878.989	5046.900	LC
19		-1888.694	5054.267	LC
20	0950	-1913.033	5072.895	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK VI MANGGARAI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1	-0800	-657.634	3926.308	
2	-0775	-655.166	3951.123	
3	-0750	-654.764	3976.045	
4	-0725	-656.455	4000.951	
5	-0700	-660.181	4025.524	
6	-0675	-665.933	4049.834	
7	-0650	-673.746	4073.589	
8	-0625	-683.433	4096.569	
9	-0600	-694.942	4118.511	
10	-0575	-708.358	4139.657	
11	-0550	-723.555	4159.639	
12	-0525	-740.280	4178.265	
13	-0500	-758.584	4195.358	
14	-0475	-778.141	4211.835	
15	-0450	-797.221	4226.927	
16		-806.145	4233.764	EC
17	-0425	-817.291	4242.260	
18	-0400	-837.030	4257.296	
19	-0350	-876.795	4287.661	
20		-887.618	4295.912	LD
21		-906.830	4310.568	JRL
22		-905.992	4311.639	JRM
23	-0300	-916.488	4317.948	
24		-917.231	4318.511	JRL
25		-916.509	4319.656	JRM
26		-939.424	4333.764	JRM
27		-938.620	4334.847	JRL
28	-0250	-956.375	4348.284	
29		-981.997	4367.950	BC
30	-0200	-996.152	4378.504	
31	-0175	-1016.699	4392.792	
32		-1027.092	4399.826	EC
33	-0150	-1037.508	4406.876	
34	-0100	-1078.794	4434.876	
35		-1089.432	4442.132	BC
36	-0075	-1099.745	4449.246	
37		-1108.493	4455.551	
38		-1118.668	4463.128	EC
39	0050	-1119.920	4464.057	
40	0000	4685.570-	4494.269	
41	0050	-1199.424	4524.678	
42	0100	-1239.133	4554.951	
43	0150	-1279.001	4585.302	
44		-1307.061	4606.710	JRL
45		-1307.906	4605.695	JRM
46	0200	-1318.650	4615.532	
47		-1328.463	4623.047	JRL

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK VI MANGGARAI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
48		-1327.562	4624.031	JRM
49		-1357.189	4644.939	LD
50	0250	-1358.580	4645.997	
51		-1377.941	4658.958	JRM
52		-1377.088	4660.103	JRL
53		-1396.697	4675.027	BC
54	0300	-1398.288	4676.227	
55		-1417.883	4690.791	EC
56	0325	-1418.340	4691.113	
57		-1435.995	4703.938	BC
58	0350	-1438.576	4705.796	
59		-1458.060	4720.377	EC
60	0375	-1458.554	4720.754	
61		-1462.137	4723.510	JRL
62		-1461.282	4724.659	JRM
63	0400	-1478.393	4735.899	
64		-1482.041	4738.679	LD
65	0450	-1518.257	4766.323	
66	0500	-1558.040	4796.671	
67	0550	-1597.757	4827.016	
68	0600	-1637.515	4857.373	
69	0650	-1677.223	4887.710	
70	0700	-1716.960	4917.986	
71	0750	-1756.697	4948.385	
72	0800	-1796.432	4978.735	
73	0850	-1836.147	5009.069	
74	0900	-1875.882	5039.475	
75		-1881.623	5043.850	LC
76		-1891.274	5051.187	LC
77	0950	-1915.544	5069.784	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK VII MANGGARAI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-711.845	4130.161	
2	-0550	-729.345	4154.488	
3	-0525	-745.789	4172.703	
4	-0500	-762.972	4189.406	
5	-0475	-781.613	4206.565	
6	-0450	-800.207	4222.540	
7		-819.640	4238.688	EC
8	-0400	-839.418	4253.988	
9	-0350	-879.346	4284.478	
10		-902.554	4302.297	BH
11		-907.731	4306.250	LD
12		-925.793	4318.488	JRM
13		-925.102	4319.504	JRL
14		-936.427	4328.114	BH
15		-945.968	4335.390	BH
16		-951.793	4341.405	JRL
17		-952.476	4340.387	JRM
18		-970.304	4352.833	LD
19	-0200	-1000.852	4371.622	
20		-1017.871	4382.179	
21	-0175	-1022.556	4385.126	
22	0150	-1042.687	4398.709	
23		-1049.173	4403.337	
24		-1055.607	4408.059	EC
25	-0100	-1083.093	4428.930	
26	-0050	-1123.049	4459.390	
27	0000	-1162.498	4489.479	
28	0050	-1202.505	4519.984	
29	0100	-1242.218	4550.246	
30		-1268.308	4570.138	LD
31	0150	-1282.276	4580.759	
32		-1287.328	4586.451	JRM
33		-1288.212	4585.315	JRL
34	0200	-1322.087	4611.145	
35		-1343.197	4627.180	BC
36		-1353.267	4634.270	
37	0250	-1362.767	4640.454	
38		-1365.385	4642.130	JRM

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK VIII MANGGARAI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-983.585	4348.644	JRL
2		-984.088	4347.519	JRM
3	-0225	-985.828	4350.101	
4	-0200	-1006.533	4364.988	
5	-0150	-1045.614	4394.719	
6	-0100	-1085.718	4425.281	
7	-0050	-1125.440	4455.631	
8	0000	-1164.953	4485.764	
9	0050	-1205.545	4516.725	
10	0100	-1245.051	4546.849	
11	0150	-1285.162	4577.476	
12	0200	-1324.528	4608.295	
13		-1335.020	4616.493	JRL
14		-1352.129	4629.947	LD
15	0250	-1363.497	4638.842	
16		-1366.249	4640.984	JRL
17		-1365.385	4642.130	JRM
18		-1375.713	4648.855	JRM
19		-1385.931	4656.434	LD
20	0300	-1403.301	4669.947	
21		-1421.889	4685.941	JRM
22		-1422.686	4684.768	JRL
23		-1442.621	4699.923	LD
24	0350	-1443.042	4700.244	
25		-1446.601	4702.958	BC
26	0375	-1462.827	4715.420	
27		-1475.813	4725.973	
28		-1516.259	4759.758	EC
29	0475	-1540.801	4778.498	
30	0500	-1560.571	4793.509	
31	0525	-1580.419	4808.685	
32	0550	-1600.262	4823.878	
33	0575	-1620.072	4839.141	
34		-1631.313	4847.646	BC
35	0600	-1640.168	4854.077	
36	0625	-1660.804	4868.154	
37	0650	-1681.246	4882.712	
38	0675	-1700.880	4897.977	
39	0700	-1720.507	4913.679	
40	0725	-1739.615	4929.722	
41		-1761.307	4946.983	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK IX MANGGARAI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-1003.108	4358.119	JRM
2	0200	-1008.300	4361.454	
3		-1021.597	4369.500	JRM
4		-1020.940	4370.507	JRL
5	-0175	-1028.453	4376.287	
6	-0150	-1048.377	4391.584	
7	0100	-1088.692	4422.264	
8	-0050	-1128.659	4452.723	
9	0000	-1168.305	4482.953	
10	0050	-1208.392	4513.485	
11	0100	-1247.711	4543.440	
12	0150	-1287.855	4574.077	
13	0150	-1290.595	4576.138	
14		-1297.643	4581.473	BC
15	0225	-1307.090	4588.900	
16		-1319.196	4599.637	JRL
17		-1320.171	4598.725	JRM

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK X MANGGARAI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-1021.597	4569.500	JRM
2		-1031.360	4375.506	-0.0
3		-1039.607	4380.888	BC
4	-0150	-1050.993	4388.826	
5		-1039.607	4380.888	EC
6		-1031.360	4375.506	
7	-0100	-1091.287	4418.730	
8	-0050	-1131.101	4449.053	
9	0000	-1170.722	4479.362	
10	0050	-1210.435	4509.821	
11	0100	-1250.105	4540.282	
12		-1284.825	4564.741	JRM
13		-1284.046	4565.673	JRL
14	0150	-1290.796	4570.207	
15		-1293.005	4572.210	JRM
16		-1300.914	4579.356	LD
17		-1305.010	4583.111	JRL
18		-1305.901	4582.262	JRM

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
LOCATION : TRACK XI MANGGARAI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-1013.638	4361.899	LD
2		-1022.591	4366.570	JRM
3		-1032.675	4372.486	JRM
4		-1033.242	4371.425	JRL
5		-1037.374	4375.424	BC
6		-1047.650	4382.116	BC
7	-0150	-1053.141	4385.790	
8	-0100	-1093.748	4415.450	
9	-0050	-1133.579	4445.767	
10	0000	-1173.296	4476.069	
11	0050	-1212.868	4506.325	
12	0100	-1252.662	4536.759	
13		-1284.805	4564.741	JRM

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK XII MANGGARAI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-1038.130	4373.818	LD
2	-0150	-1055.285	4383.268	
3		-1057.738	4383.366	JRL
4		-1057.116	4384.419	JRM
5	-0100	-1096.092	4411.617	
6	-0050	-1136.088	4442.140	
7	0000	-1176.582	4472.950	
8	0050	-1215.698	4502.779	
9	0100	-1255.312	4533.080	
10		-1264.300	4540.010	BC
11	0125	-1275.858	4549.601	
12		-1282.151	4555.552	
13		-1291.560	4565.879	JRL
14		-1292.480	4565.128	JRM
15		-1293.064	4567.611	
16		-1305.901	4582.262	JRM
17		-1305.010	4583.111	JRL

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK XIII MANGGARAI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-907.731	4306.250	LD
2		-925.102	4319.504	JRL
3		-925.793	4318.488	JRM
4		-944.834	4328.435	LD
5		-964.585	4338.007	JRL
6		-965.102	4336.895	JRM
7		-983.585	4348.644	JRL
8		-984.088	4347.519	JRM
9		-1003.108	4358.119	JRL
10		-1003.611	4357.021	JRM
11		-1013.638	4361.899	LD
12		-1032.675	4372.486	JRM
13		-1033.242	4371.425	JRL
14		-1038.126	4373.818	LD
15		-1057.116	4384.419	JRM
16		-1057.738	4383.366	JRL
17		-1072.175	4390.477	BC
18		-183.343	4396.607	
19	-0150	-1099.892	4406.686	
20	-0100	-1115.188	4416.267	
21	-0050	-1142.459	4436.349	
22	0000	-1181.013	4465.481	
23	0050	-1221.219	4496.260	
24		-1247.124	4515.945	LD
25		-1263.163	4528.292	JRL
26		-1262.351	4529.206	JRM
27		-1269.351	4536.175	
28	0125	-1279.017	4546.622	
29		-1287.098	4557.459	
30		-1291.560	4565.879	JRL
31		-1292.480	4565.128	JRM
32		-1263.163	4528.292	JRL
33		-1262.351	4529.206	JRM
34		-1247.997	4537.377	
35	0132	-1288.639	4547.902	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK XIV MANGGARAI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-965.102	4336.895	JRM
2		-964.585	4338.007	JRL
3		-976.575	4341.027	BC
4		-989.029	4345.790	
5		-1000.408	4350.826	EC
6	-0150	-1058.160	4379.012	
7	-0100	-1102.139	4400.397	
8		-1115.483	4406.831	LD
9		-1124.010	4410.729	JRM
10		-1135.521	4415.405	JRM
11		-1135.020	4416.581	JRL
12		-1139.970	4418.894	BC
13	-0050	-1150.259	4424.083	
14		-1164.950	4432.419	
15		-1173.600	4438.363	EC
16		-1191.852	4452.083	
17		-1195.607	4454.999	LD
18		-1211.900	4467.461	JRL
19		-1212.664	4466.269	JRM
20		-1219.357	4473.156	LD
21		-1229.797	4480.508	JRM
22	0050	-1231.553	4482.449	
23		-1236.451	4484.394	JRM
24		-1231.553	4482.449	
25		-1259.674	4503.774	LD
26		-1273.989	4514.758	JRL
27		-1274.559	4513.626	JRM
28		-1295.513	4531.082	LD
29		-1309.914	4542.091	JRL
30		-1310.561	4541.085	JRM
31	0150	-1311.143	4543.044	
32		-1336.361	4562.260	LD
33		-1344.424	4568.442	JRM
34		-1351.462	4572.297	JRL
35	0200	-1350.896	4573.463	
36		-1360.175	4577.373	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
LOCATION : SIDING 1 MANGGARAI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-1156.141	4421.712	JRM
2		-1155.853	4422.761	JRL
3		-1177.142	4427.187	JRM
4		-1189.559	4429.630	JRM

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
LOCATION : SIDING 2 MANGGARAI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-1135.521	4415.405	JRM
2		-1135.020	4416.581	JRL
3		-1155.853	4422.761	JRL
4		-1156.141	4421.712	JRM
5		-1187.047	4434.483	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
LOCATION : SIDING 3 MANGGARAI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-1212.664	4466.269	JRM
2		-1211.900	4467.461	JRM
3		-1225.183	4473.509	
4		-1234.840	4478.911	
5		-1250.627	4486.297	
6		-1273.719	4494.165	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
LOCATION : SIDING 4 MANGGARAI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-1254.783	4493.376	JRL
2		-1254.223	4494.611	JRM
3		-1266.287	4497.762	JRM
4		-1270.876	4499.116	JRM

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
LOCATION : SIDING 5 MANGGARAI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-1236.451	4484.394	JRM
2		-1235.645	4485.574	JRL
3		-1254.223	4494.611	JRM
4		-1254.783	4493.376	JRL
5		-1268.748	4503.053	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
LOCATION : SIDING 6 MANGGARAI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-1274.559	4513.626	JRM
2		-1273.989	4514.758	JRL
3		-1314.886	1536.825	
4		-1367.348	1567.100	

ST. JATINEGARA

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK I JATINEGARA STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1	11150	-1514.283	6222.508	
2	11200	-1548.004	6259.226	
3	11250	-1581.752	6296.036	
4	11300	-1615.502	6332.826	
5		-1640.048	6359.926	BC
6	11350	-1648.850	6370.453	
7	11375	-1663.131	6390.706	
8	11400	-1674.734	6412.552	
9	11425	-1683.125	6434.592	
10	11450	-1689.189	6460.081	
11		-1691.716	6482.538	EC
12		-1692.109	6491.929	FO
13		-1692.198	6494.173	FO
14		-1692.345	6502.617	LD
15	11500	-1692.343	6510.407	
16		-1692.286	6526.799	JRL
17		-1690.940	6526.742	JRM
18		-1692.278	6537.569	BC
19	11550	-1692.492	6559.726	
20		-1692.298	6546.066	
21		-1692.424	6554.475	
22		-1692.703	6568.692	EC
23		-1693.441	6598.956	BC
24		-1693.582	6606.325	
25	11600	-1693.661	6609.825	
26		-1693.727	6615.033	
27		-1693.822	6623.571	
28		-1693.878	6630.069	EC
29		-1693.898	6639.58	JRL
30		-1692.478	6639.662	JRM
31	11650	-1693.694	6659.728	
32		-1694.003	6664.68	LD
33	11700	-1693.971	6709.822	
34	11750	1694.000	6759.801	
35	11800	-1694.065	6809.792	
36	11850	-1678.607	6859.588	
37	11875	-1679.517	6884.722	
38	11900	1680.559	6909.46	
39		-1692.382	6917.846	BC
40	11950	-1689.901	6959.726	
41		-1688.928	6977.013	LD
42		-1687.515	7001.13	JRM
43		-1686.185	7000.96	JRM
44	12000	-1687.010	7009.623	
45		-1686.424	7019.542	JRM
46		-1685.075	7019.485	JRM
47		-1685.039	7043.672	LD

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
LOCATION : TRACK I JATINEGARA STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
48		-1684.489	7052.813	LC
49		-1684.015	7060.801	LC

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK II JATINEGARA STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1	1950	-1429.155	6145.287	
2	2000	-1462.724	6181.704	
3	2050	-1496.844	6218.679	
4	11150	-1507.477	6229.589	
5	11200	-1540.520	6265.932	
6	11250	-1574.513	6302.784	
7	11300	-1608.299	6339.446	
8		-1632.505	6365.797	BC
9	11350	-1641.628	6376.088	
10	11375	-1655.376	6394.512	
11	11400	-1667.405	6416.373	
12	11425	-1675.380	6437.056	
13	11450	-1681.257	6461.867	
14		-1683.195	6482.412	EC
15		-1683.363	6492.123	FO
16		-1683.350	6494.740	FO
17		-1683.277	6497.982	LD
18	11500	-1683.304	6509.697	
19		-1683.282	6522.073	JRL
20		-1681.950	6522.084	JRM
21		-1683.234	6537.612	LD
22	11550	-1683.320	6559.847	
23		-1683.300	6561.798	JRL
24		-1684.629	6561.762	JRM
25		-1683.279	6589.825	JRL
26		-1684.640	6589.844	JRM
27	11600	-1683.384	6608.658	
28		-1683.333	6616.741	JRL
29		-1681.990	6616.749	JRM
30		-1683.402	6629.904	JRL
31		-1682.067	6629.945	JRM
32		-1683.477	6654.070	LD
33	11650	-1683.474	6659.751	
34	11700	-1683.489	6709.035	
35	11750	-1683.517	6759.863	
36	11800	-1683.544	6809.037	
37	11850	-1683.590	6859.326	
38		-1683.574	6863.792	BC
39		-1683.991	6880.178	
40	11875	-1684.037	6884.328	
41		-1684.123	6887.722	
42		-1684.429	6895.557	
43		-1684.780	6903.405	
44	11900	-1685.107	6909.306	
45		-1685.470	6918.954	
46		-1685.560	6921.512	EC
47	11925	-1685.903	6934.561	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK II JATINEGARA STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
48		-1685.836	6942.231	BC
49		-1685.708	6949.567	
50		-1685.434	6957.446	
51	11950	-1685.382	6959.721	
52		-1684.560	6974.035	JRL
53		-1683.199	6974.022	JRM
54		-1682.946	7001.383	JRL
55		-1684.306	7001.384	JRM
56	12000	-1682.455	7009.550	
57		-1681.915	7018.954	JRL
58		-1683.261	7019.108	JRM
59		-1680.292	7046.304	JRL
60		-1678.942	7046.157	JRM
61		-1679.961	7052.309	LC
62		-1679.506	7060.122	LC

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK III JATINEGARA STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1	1950	-1426.047	6148.192	
2	2000	-1459.625	6184.509	
3	2050	-1493.848	6221.533	
4	11150	-1503.927	6232.361	
5	11200	-1537.361	6268.586	
6	11250	-1571.519	6305.519	
7	11300	-1605.058	6341.764	
8	11350	-1638.641	6378.811	
9	11375	-1651.679	6396.969	
10	11400	-1662.545	6417.281	
11	11425	-1670.677	6438.669	
12	11450	-1675.947	6461.476	
13		-1678.114	6482.341	EC
14	11500	-1678.327	6509.542	
15		-1678.322	6521.899	JRL
16		-1676.965	6521.890	JRM
17		-1678.271	6544.925	JRL
18		-1679.638	6544.982	JRM
19	11550	-1678.505	6559.842	
20		-1678.325	6572.286	JRL
21		-1676.965	6572.227	JRM
22		-1678.281	6583.766	LD
23		-1678.305	6606.762	JRL
24		-1679.652	6606.749	JRM
25	11600	-1678.310	6609.838	
26		-1679.840	6639.039	JRM
27		-1678.394	6639.030	JRL
28	11650	-1678.414	6659.581	
29		-1678.440	6664.058	LD
30	11700	-1678.457	6709.747	
31	11750	-1678.490	6759.812	
32	11800	-1678.488	6809.678	
33	11850	-1678.607	6859.588	
34	11875	-1679.517	6884.722	
35	11900	-1680.559	6909.460	
36		-1679.163	6907.889	JRM
37		-1680.497	6907.820	JRL
38		-1681.446	6930.857	LD
39		-1682.445	6955.824	JRM
40		-1681.018	6955.832	JRL
41	11950	-1680.768	6959.933	
42		-1680.379	6966.716	JRL
43		-1679.170	6966.671	JRM
44		-1679.180	6988.440	LD
45	12000	-1677.933	7009.201	
46		-1675.349	7051.837	LC
47		-1674.830	7059.794	LC

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK IV JATINEGARA STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1	11225	-1555.812	6294.903	
2	11250	-1568.280	6308.477	
3		-1595.936	6338.359	JRL
4		-1595.088	6339.263	JRM
5	11300	-1602.152	6345.064	
6		-1610.720	6354.317	LD
7	11325	-1618.115	6362.338	
8		-1628.744	6373.942	BC
9	11350	-1635.623	6381.805	
10	11375	-1648.335	6399.349	
11	11400	-1659.813	6419.558	
12	11425	-1667.362	6440.234	
13	11450	-1672.422	6463.322	
14		-1674.229	6482.605	EC
15		-1674.218	6484.623	LD
16		-1674.247	6508.797	JRL
17		-1675.579	6508.824	JRM
18	11500	-1674.256	6509.779	
19	11550	-1674.284	6559.710	
20		-1674.310	6584.922	JRL
21		-1675.681	6584.962	JRM
22		-1672.950	6612.242	JRL
23		-1674.302	6612.308	JRM
24	11650	-1674.404	6659.831	
25	11700	-1674.459	6709.913	
26	11750	-1674.496	6759.710	
27	11800	-1674.525	6809.787	
28	11850	-1674.935	6859.846	
29		-1675.418	6871.974	JRL
30		-1674.076	6872.135	JRM
31		-1677.435	6896.067	LD
32		-1679.163	6907.889	JRM
33		-1680.497	6907.820	JRL

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK V JATINEGARA STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-1672.950	6612.242	JRM
2		-1672.211	6619.749	
3		-1671.312	6628.388	
4	11625	-1670.661	6635.197	
5		-1670.511	6636.751	
6		-1669.707	6644.978	
7		-1668.950	6653.200	
8		-1668.181	6661.037	
9	11650	-1668.402	6659.610	
10		-1667.651	6669.500	
11		-1667.052	6677.827	
12	11675	-1666.717	6684.034	
13		-1666.490	6690.553	
14		-1666.249	6701.881	EC
15	11700	-1666.182	6710.250	
16	11750	-1666.255	6760.111	
17		-1666.302	6780.891	BC
18	11775	-1666.343	6785.481	
19		-1666.473	6789.960	
20		-1666.719	6797.757	
21		-1667.075	6805.608	
22	11800	-1667.330	6809.996	
23		-1667.543	6813.522	
24		-1668.107	6821.118	
25		-1668.730	6828.910	
26		-1669.480	6836.792	
27		-1670.267	6844.027	
28		-1671.239	6851.773	
29		-1671.713	6855.375	EC
30	11850	-1672.350	6859.675	
31		-1674.076	6872.135	JRL

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK VI JATINEGARA STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-1511.896	6272.626	LD
2	11200	-1521.824	6282.237	
3		-1527.208	6288.052	JRL
4		-1528.040	6287.213	JRM
5	11250	-1555.850	6319.684	
6	11300	-1589.600	6356.139	
7	11350	-1622.800	6392.088	
8	11375	-1635.080	6408.149	
9	11400	-1644.850	6425.933	
10	11425	-1651.460	6443.163	
11	11450	-1655.710	6459.939	
12	11475	-1659.400	6485.041	
13	11500	-1662.024	6510.263	
14		-1662.722	6518.830	JRL
15		-1663.958	6518.854	JRM
16	11525	-1663.284	6534.867	
17		-1663.353	6540.579	LD
18	11550	-1663.341	6560.241	
19		-1663.346	6562.360	JRL
20		-1662.142	6562.345	JRM
21	11575	-1663.510	6585.240	
22		-1663.516	6609.975	BC
23	11600	-1663.484	6611.140	
24	11625	-1662.397	6635.469	
25		-1661.731	6656.127	EC
26	11650	-1661.689	6660.051	
27	11700	-1661.751	6710.369	
28	11750	-1661.781	6759.964	
29	11800	-1661.844	6810.237	
30		-1661.875	6814.502	BC
31		-1661.975	6822.217	
32		-1662.322	6830.361	
33		-1662.623	6833.331	JRM

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
LOCATION : TRACK VII JATINEGARA STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1	11646	-1657.653	6654.073	
2	11650	-1657.618	6660.399	
3	11700	-1657.667	6710.451	
4	11750	-1657.654	6760.185	
5	11800	-1657.837	6810.441	
6		-1658.524	6818.619	
7		-1660.171	6828.650	
8		-1661.227	6833.582	JRL
9		-1662.625	6833.331	JRM

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK VIII JATINEGARA STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1	11650	-1653.383	6660.517	
2	11700	-1653.381	6710.916	
3	11750	-1653.373	6720.72	
4		-1653.327	6794.734	BC
5	11800	-1653.654	6809.953	
6		-1654.285	6817.638	
7		-1655.135	6825.299	
8		-1656.699	6834.787	JRL
9		-1655.495	6835.050	JRM
10		-1661.228	6856.079	LD
11		-1662.298	6860.074	JRL
12		-1660.946	6860.543	JRM
13	11850	-1662.671	6861.472	
14		-1668.767	6884.253	LD
15		-1670.727	6892.336	JRM

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : SIDING 1 JATINEGARA STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1	11150	-1494.325	6240.896	
2	11200	-1528.326	6277.811	
3	11225	1545.335	6296.164	
4		-1561.216	6312.239	JRM
5		-1560.430	6313.152	JRL
6	11250	-1563.159	6314.037	
7		-1579.332	6328.683	JRL
8		-1580.076	6327.700	JRM
9		-1586.516	6335.482	
10	11300	-1600.605	6350.648	
11	11400	-4655.369	6421.676	
12	11425	-1661.969	6440.275	
13	11450	-1666.709	6463.215	
14	11475	-1667.396	6483.899	
15		-1666.359	6497.248	JRM

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : SIDING 2 JATINEGARA STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-1528.040	6287.210	
2		-1536.285	6294.413	LD
3		-1553.313	6307.921	JRM
4		-1552.625	6308.912	JRL
5	11250	-1560.052	6315.652	
6		-1568.226	6324.077	BC
7	11300	-1594.068	6352.342	
8	11350	-1627.001	6388.082	
9	11375	-1639.942	6404.435	
10	11400	-1650.584	6423.628	
11	11425	-1657.147	6441.843	
12	11450	-1661.889	6464.031	
13	11475	-1664.496	6484.544	
14		-1665.160	6497.174	JRL
15		-1666.359	6497.248	JRM

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
LOCATION : SIDING 3 JATINEGARA STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-1633.534	6444.554	
2		-1641.806	6466.114	
3	11475	-1651.360	6491.218	
4		-1654.511	6501.325	
5		-1656.857	6511.520	
6		-1658.468	6523.049	
7	11525	-1659.095	6535.895	
8		-1658.811	6550.261	
9	11550	-1658.341	6560.242	
10		-1658.123	6563.304	JRL
11		-1656.916	6563.268	JRM
12		-1656.716	6585.072	LD
13		-1655.467	6606.070	JRM

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
LOCATION : SIDING 4 JATINEGARA STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1	11450	-1627.075	6455.470	
2		-1633.691	6465.523	
3		-1637.935	6474.421	
4		-1641.109	6478.954	JRL
5		-1639.966	6479.380	JRM
6		-1647.054	6499.910	LD
7	11500	-1650.299	6511.936	
8		-1652.863	6522.881	
9	11525	-1655.129	6535.586	
10		-1656.197	6544.352	
11		-1656.916	6563.268	JRM

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
LOCATION : SIDING 5 JATINEGARA STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-1560.724	6337.281	JRM
2		-1559.891	6338.045	JRL
3	11300	-1583.881	6361.718	
4		-1628.614	6410.254	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : SIDING 6 JATINEGARA STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1	11150	-1486.967	6248.369	
2		-1491.148	6252.879	LD
3		-1505.949	6268.884	JRL
4		-1506.751	6267.970	JRM
5	11200	-1519.749	6284.405	
6		-1527.513	6294.640	LD
7		-1542.712	6314.976	JRL
8		-1541.514	6315.898	JRM
9	11250	-1549.123	6323.422	
10		-1559.891	6338.045	JRL
11		-1560.724	6337.281	JRM
12	11300	-1580.501	6364.885	
13		-1624.944	6413.575	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
LOCATION : SIDING 7 JATINEGARA STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-1552.506	6334.702	JRM
2		-1560.451	6347.635	BC
3		-1564.609	6353.665	
4	11300	-1576.516	6369.169	
5		-1620.580	6417.638	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
LOCATION : SIDING 8 JATINEGARA STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-1541.514	6315.898	JRM
2		-1551.413	6335.240	JRL
3		-1552.506	6334.702	JRM
4		-1560.074	6352.423	
5		-1564.961	6360.882	BC
6	11300	-1573.019	6372.217	
7		-1615.861	6419.970	

ST. CIPINANG

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK I CIPINANG STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1	12550	-1652.741	7558.658	
2		-1652.178	7568.354	LC
3		-1651.635	7578.089	LC
4	12600	-1649.838	7608.537	
5	12650	-1646.930	7658.459	
6	12700	-1644.017	7708.412	
7	12750	-1641.086	7758.328	
8	12800	-1638.165	7808.238	
9	12850	-1635.231	7858.116	
10	12900	-1632.309	7908.039	
11	12950	-1629.383	7957.965	
12	13000	-1626.466	8007.874	
13	13050	-1623.526	8057.834	
14	13100	-1620.572	8107.744	
15	13150	-1617.631	8157.694	
16	13200	-1614.703	8207.616	
17	13250	-1611.774	8257.520	
18	13300	-1608.845	8307.473	
19	13350	-1605.917	8357.364	
20	13400	-1602.986	8407.269	
21	13450	-1600.062	8457.200	
22		-1597.875	8494.763	JRL
23		-1596.541	8494.684	JRM
24	13500	-1597.146	8507.146	
25		-1596.480	8518.890	LD
26	13550	-1594.114	8557.094	
27		-1593.619	8564.525	BC
28	13575	-1592.308	8582.041	
29	13600	-1590.039	8606.904	
30	13625	-1587.107	8631.768	
31	13650	-1583.483	8656.519	
32	13675	-1579.234	8681.188	
33		-1575.425	8700.986	LC
34	13700	-1574.552	8705.623	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK II CIPINANG STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1	12550	-1652.741	7558.658	
2		-1652.178	7568.354	LC
3		-1651.635	7578.089	LC
4	12600	-1649.838	7608.537	
5	12650	-1646.930	7658.459	
6	12700	-1644.017	7708.412	
7	12750	-1641.086	7758.328	
8	12800	-1638.165	7808.238	
9	12850	-1635.231	7858.116	
10	12900	-1632.309	7908.039	
11	12950	-1629.383	7957.965	
12	13000	-1626.466	8007.874	
13	13050	-1623.526	8057.834	
14	13100	-1620.572	8107.744	
15	13150	-1617.631	8157.694	
16	13200	-1614.703	8207.616	
17	13250	-1611.774	8257.520	
18	13300	-1608.845	8307.473	
19	13350	-1605.917	8357.364	
20	13400	-1602.986	8407.269	
21	13450	-1600.062	8457.200	
22		-1597.875	8494.763	JRL
23		-1596.541	8494.684	JRM
24	13500	-1597.146	8507.146	
25		-1596.480	8518.890	LD
26	13550	-1594.114	8557.094	
27		-1593.619	8564.525	BC
28	13575	-1592.308	8582.041	
29	13600	-1590.039	8606.904	
30	13625	-1587.107	8631.768	
31	13650	-1583.483	8656.519	
32	13675	-1579.234	8681.188	
33		-1575.425	8700.986	LC
34	13700	-1574.552	8705.623	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK III CIPINANG STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-1674.830	7059.794	LC
2		-1675.880	7064.833	JRM
3		-1674.547	7064.747	JRL
4		-1673.088	7088.884	LD
5	12100	-1671.867	7109.401	
6		-1669.121	7156.648	FO
7	12150	-1668.963	7159.028	
8		-1668.185	7171.890	FO
9		-1668.015	7174.554	FO
10		-1666.247	7203.082	FO
11		-1666.171	7204.367	BC
12		-1666.095	7205.651	FO
13	12200	-1665.916	7208.629	
14		-1665.225	7220.875	FO
15	12225	-1664.530	7234.168	
16		-1664.441	7235.801	EC
17	12250	-1663.303	7258.989	
18	12275	-1662.120	7284.196	
19	12300	-1660.968	7308.831	
20		-1659.183	7346.822	BC
21	12350	-1658.587	7358.631	
22	12375	-1657.014	7383.628	
23	12400	-1655.039	7408.261	
24		-1654.771	7411.337	EC
25	12425	-1652.828	7433.183	
26	12450	-1650.683	7457.271	
27	12475	-1648.411	7483.015	
28	12500	-1646.451	7507.815	
29	12525	-1644.780	7532.613	
30	12550	-1643.181	7558.148	
31		-1642.619	7563.613	LC
32		-1642.057	7577.485	LC
33		-1640.732	7599.993	LD
34		-1639.458	7621.723	JRL
35		-1638.242	7621.609	JRM
36	12650	-1637.290	7658.215	
37	12700	-1634.369	7707.910	
38		-1634.149	7711.679	LD
39		-1632.870	7733.433	JRL
40		-1631.686	7733.327	JRM
41	12750	-1631.429	7757.555	
42	12800	-1628.501	7807.541	
43	12850	-1625.593	7857.479	
44	12900	-1622.692	7907.392	
45	12950	-1619.804	7957.285	
46	13000	-1616.874	8007.177	
47	13050	-1613.975	8057.114	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK III CIPINANG STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
48		-1611.928	8092.237	LD
49	13100	-1611.027	8107.496	
50		-1610.638	8113.997	JRL
51		-1609.436	8113.841	JRM
52	13150	-1608.081	8157.256	
53	13200	-1605.173	8206.885	
54	13250	-1602.246	8256.848	
55	13300	-1599.324	8306.751	
56	13350	-1596.419	8356.707	
57		-1596.255	8359.456	JRL
58		-1595.046	8359.454	JRM
59		-1594.901	8381.162	LD
60		-1593.643	8402.864	JRL
61		-1594.843	8402.862	JRM
62	13400	-1593.387	8406.725	
63		-1593.272	8408.383	BC
64		-1591.835	8421.956	
65		-1589.408	8436.284	
66		-1587.515	8445.159	EC
68	13450	-1584.881	8456.097	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK IV CIPINANG STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-1625.660	7777.885	
2	12800	-1624.000	7807.293	
3	12850	-1621.049	7857.209	
5	12900	-1618.141	7907.521	
6	12950	-1615.278	7957.265	
7	13000	-1612.444	8006.581	
8	13050	-1609.503	8056.730	
9	13100	-1606.612	8106.588	
10		-1604.968	8133.924	JRL
11		-1606.154	8134.018	JRM
12		-1604.724	8143.851	JRM
13		-1603.714	8155.617	LD
14		-1601.280	8177.196	JRM
15		-1602.480	8177.369	JRL
16	13200	-1600.720	8206.823	
17	13250	-1597.816	8256.654	
18	13300	-1594.802	8306.613	
19		-1594.314	8313.204	JRM

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK V CIPINANG STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-1624.452	7777.8	JRL
2		-1619.009	7802.934	JRM
3		-1620.319	7803.213	JRL/BC
4		-1618.578	7814.532	
5		-1617.610	7822.777	EC
6	12850	-1615.474	7856.920	
7	12900	-1612.538	7906.845	
8	12950	-1609.675	7956.745	
9	13000	-1606.738	8006.681	
10	13050	-1603.888	8056.598	
11	13100	-1601.018	8106.506	
12	13150	-1598.152	8156.473	
13		-1597.081	8175.118	JRL
14		-1595.861	8175.144	JRM
15		-1595.852	8196.874	LD
16		-1595.538	8202.347	JRL
17		-1596.797	8202.460	JRM
18	13200	-1595.320	8206.361	
19		-1594.132	8227.722	LD
20		-1592.847	8249.451	JRL
21		-1591.628	8249.305	JRM
22	13250	-1592.426	8256.297	
23		-1592.075	8262.384	LD
24		-1591.966	8284.133	JRM
25		-1590.767	8284.176	JRL
26		-1590.374	8292.027	BC
27	13300	-1589.108	8306.032	
28		-1586.672	8322.437	EC
29	13350	-1580.825	8355.366	
30	13375	-1576.892	8378.077	
31	13400	-1593.387	8406.725	
32	13420	-1570.055	8422.998	
33	13450	-1566.242	8453.501	
34	13500	-1560.179	8503.086	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK VI CIPINANG STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-1619.009	7802.934	JRM/BC
2		-1616.661	7811.315	
3		-1614.558	7820.845	
4	12825	-1612.981	7831.482	
5		-1612.781	7833.018	
6	12850	-1611.250	7856.467	
7		-1609.499	7887.155	JRL
8		-1608.282	7887.183	JRM
9		-1608.380	7905.868	LD
10	12900	-1602.259	8006.431	
11	13050	-1599.299	8056.079	
12	13100	-1596.242	8106.307	
13		-1595.103	8132.777	LD
14		-1595.017	8154.504	JRL
15		-1593.815	8154.534	JRM
16	13150	-1593.751	8156.199	
17	13200	-1590.897	8206.150	
18		-1588.760	8242.880	BC
19		-1587.890	8253.240	
20		-1586.860	8260.365	EC
21		-1585.757	8266.699	JRM
22		-1586.945	8267.007	JRL
23		-1586.950	8267.010	JRL
24		-1580.250	5287.700	JRL
25		-1579.050	8287.380	JRM
26		-1573.570	8308.400	LD
27		-1571.540	8314.600	JRL
28		-1570.340	8314.080	JRM
29		-1564.570	8336.720	JRL
30		-1563.370	8336.370	JRM

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK VII CIPINANG STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-1612.929	7782.227	JRL
2		-1610.408	7811.741	
3		-1608.554	7833.417	JRM
4		-1607.084	7853.572	LD
5		-1607.184	7871.583	JRM
6		-1605.958	7871.617	JRL
7	12900	-1603.923	7906.298	
8	12950	-1601.010	7956.196	
9	13000	-1598.065	8006.104	
10	13050	-1595.154	8056.030	
11	13100	-1592.213	8105.920	
12	13150	-1589.244	8156.969	
14	13200	-1586.410	8205.807	
15		-1583.440	8257.258	BC
16		-1582.991	8263.000	13K
17		-1579.512	8285.006	EC
18		-1579.051	8287.380	RJM

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK VIII CIPINANG STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-1607.392	7833.241	JRM
2		-1604.135	7851.014	JRL
3		-1602.945	7850.697	JRM
4		-1603.402	7855.195	BC
5	12850	-1603.400	7855.197	
6		-1601.900	7867.546	EC
7	12900	-1599.505	7906.029	
8	12950	-1596.573	7956.248	
9	13000	-1593.611	8005.915	
10	13050	-1590.688	8055.678	
11	13100	-1587.718	8106.075	
12	13150	-1584.859	8155.877	
13	13200	-1581.914	8206.140	
14	13250	-1579.092	8254.865	BC
15		-1577.263	8275.185	
16		-1575.279	8287.447	EC
17		-1573.579	8296.642	JRL
18		-1572.383	8296.508	JRM
19		-1570.329	8313.554	LD

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
LOCATION : TRACK IX CIPINANG STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-1598.629	7868.136	JRM
2		-1598.267	7870.289	BC
3		-1596.396	7886.595	EC
4	13230	-1575.832	8235.131	
5	13280	-1573.013	8287.359	
6		-1572.383	8296.508	JRM

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK X CIPINANG STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-1593.226	7885.299	JRM
2	13000	-1584.779	8004.555	
3	13050	-1581.849	8054.495	
4	13100	-1578.942	8104.369	
5	13150	-1576.022	8154.255	
6	13200	-1573.108	8204.075	
7	13250	-1570.197	8254.460	
8		-1568.009	8293.227	BC
9	13300	-1567.351	8303.829	
10		-1565.265	8323.456	EC
11		-1563.366	8336.366	JRM
12		-1564.573	8336.722	JRL
13		-1560.431	8357.872	JRM

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK XI CIPINANG STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-1587.737	7902.478	JRM
2	13000	-1580.129	8004.746	
3	13050	-1577.206	8054.319	
4	13100	-1574.278	8104.503	
5	13150	-1571.388	8154.029	
6	13200	-1568.459	8204.125	
7	13250	-1565.563	8253.920	
8	13300	-1562.654	8303.854	
9		-1561.242	8327.045	JRL
10		-1560.052	8327.043	JRM
11		-1560.169	8342.662	LD
12		-1559.199	8357.750	JRL
13		-1660.431	8357.872	JRM
14		-1558.121	8379.116	LD
15	13400	-1556.808	8402.648	
16	13450	-1553.854	8452.547	
17	13500	-1550.192	8516.756	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
LOCATION : TRACK XII CIPINANG STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-1582.288	7919.645	JRM
2		-1581.421	7924.549	BC
3		-1579.421	7943.160	EC
4	13250	-1560.829	8254.617	
5		-1560.007	8270.327	BC
6		-1559.157	8287.106	
7		-1558.933	8301.573	EC
8		-1557.792	8305.495	JRL
9		-1559.013	8305.343	JRM
10		-1560.052	8327.043	JRM

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK XIII CIPINANG STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-1602.945	7850.697	JRM
2	12850	-1601.239	7856.049	
3		-1597.455	7867.849	JRL
4		-1598.629	7868.136	JRM
5		-1592.047	7884.993	JRL
6		-1593.226	7885.299	JRM
7		-1586.546	7902.185	JRL
8		-1587.737	7902.478	JRM
9	12900	-1586.086	7903.701	
10		-1581.096	7919.383	JRL
11		-1582.288	7919.645	JRM
12	13000	-1571.090	8004.642	
13	13050	-1568.117	8053.959	
14	13100	-1565.134	8104.419	
15		-1557.380	8235.475	
16		-1556.250	8270.540	BC
17		-1556.460	8287.570	JRL
18		-1555.260	8287.630	JRM
19		-1557.790	8305.500	JRL
20		-1559.010	8305.340	JRM

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : SIDING 1 CIPINANG STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1	12577	-1635.610	7584.688	
2	12600	-1634.382	7607.295	
3		-1631.654	7655.154	JRM
4		-1632.551	7654.928	JRL
5		-1629.283	7673.020	LD
6		-1627.018	7685.652	LD
7		-1623.877	7703.426	JRL
8		-1622.962	7703.475	JRM
9		-1618.526	7733.758	BC
10	12750	-1615.059	7758.470	
11		-1614.869	7760.541	LD
12		-1611.726	7782.040	JRM
13		-1612.929	7782.227	JRL
14		-1609.049	7795.598	BC
15	12800	-1606.305	7807.736	
16		-1598.855	7833.199	EC
17		-1598.374	7834.715	LD
18		-1591.789	7855.509	JRL
19		-1590.633	7855.053	JRM

ST. CAKUNG

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK I CAKUNG STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-2122.580	15709.593	JRM
2		-2123.209	15744.967	BC
3		-2123.475	15760.051	LC
4		-2124.080	15776.256	
5	20850	-2126.292	15806.828	
6		-2128.191	15824.741	EC
7	20900	-2131.949	15856.458	
8		-2135.279	15884.970	FO
9		-2136.977	15899.637	FO
10		-2137.281	15902.186	FO
11	20950	-2137.741	15906.167	
12		-2138.955	15916.497	FO
15		-2146.862	15983.262	BC
16	21050	-2149.649	16005.422	
17		-2153.280	16029.749	EC
19		-2158.631	16063.572	BC
20	21100	-2174.090	1652.738	
21		-2174.827	16066.254	BC
22	21125	-2175.484	16077.745	
23		-2176.804	16096.591	BH
24		-2177.104	16100.145	BH
25	21150	-2177.324	16102.653	
26		-2178.334	16113.607	EC
27	21175	-2179.711	16127.520	
28	21200	-2163.157	16096.300	
29		-2163.764	16101.661	BH
30	21150	-2164.073	16104.460	
31		-2165.710	16119.801	EC
32		-2188.239	16217.487	
33	21175	-2166.676	16129.340	
34		-2188.816	16233.331	
35		-2188.933	16250.354	JRM
36	21200	-2169.133	16154.211	
37	21225	-2171.631	16179.075	
38		-2173.918	16201.136	BC
39	21250	-2174.222	16203.951	
40		-2176.012	16217.668	
41	21275	-2177.679	16228.655	
42		-2178.770	16234.372	
43		-2182.071	16251.067	JRM

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK II CAKUNG STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1	20600	-2106.268	15557.546	
2	20625	-2109.180	15582.294	
3		-2112.024	15606.624	LD
4	20650	-2112.063	15607.012	
5		-2116.360	15631.323	JRM
6		-2114.942	15631.475	JRL
7	20700	-2117.900	15656.836	
8		-2121.120	15684.557	LD
9	20750	-2123.665	15706.583	
10		-2122.580	15709.593	JRM
11		-2124.002	15709.416	JRL
12		-2128.979	15751.813	LC
13		-2129.827	15759.143	LC
14	20825	-2132.419	15781.061	
15	20850	-2135.287	15805.820	
16	20900	-2141.141	15855.448	
17	20950	-2146.942	15905.131	
18	21000	-2152.720	15954.879	
19		-2155.840	15981.424	BC
20	21050	-2158.519	16004.492	
21	21075	-2161.270	16029.450	
22	21100	-2163.831	16054.220	
23		-2165.177	16067.630	EC
24	21125	-2166.300	16078.996	
25		-2168.196	16098.105	BH
26		-2168.505	16101.165	BH
27	21150	-2168.773	16103.978	
28	21200	-2173.713	16153.628	
29	21250	-2178.737	16203.551	
30		-2183.464	16250.853	JRL
31		-2182.071	16251.067	JRM
32	21300	-2183.659	16253.192	
33		-2185.989	16275.712	LD
34	21350	-2188.666	16302.843	
35		-2191.216	16328.897	JRL
36		-2192.627	16328.767	JRM
37		-2193.544	16352.254	LD
38	21450	-2198.600	16402.729	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK III CAKUNG STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1	20600	-2110.223	15556.895	
2	20625	-2113.122	15581.738	
3	20650	-2116.049	15606.557	
4		-2120.225	15642.382	JRL
5		-2118.808	15642.546	JRM
6	20700	-2121.850	15656.234	
7		-2123.140	15667.218	LD
8		-2125.105	15684.130	LD
9	20750	-2127.628	15705.930	
10		-2129.423	15708.783	JRM
11		-2128.012	15708.987	JRL
12		-2132.939	15751.125	LC
13		-2133.770	15758.621	LC
14	20825	-2136.355	15780.427	
15	20850	-2139.257	15805.270	
16	20900	-2145.086	15854.933	
17	20950	-2150.878	15904.589	
18	21000	-2156.677	15954.285	
19		-2159.766	15980.804	BC
20	21050	-2162.448	16003.953	
21	21075	-2165.214	16028.829	
22	21100	-2167.766	16053.684	
23		-2169.095	16067.094	EC
24		-2172.145	16097.695	BH
25		-2172.448	16100.663	BH
26	21150	-2172.721	16103.498	
27	21200	-2177.761	16153.209	
28	21250	-2182.782	16202.884	
29		-2187.496	16250.509	JRL
30		-2188.933	16250.354	JRM
31	21300	-2188.847	16252.787	
32		-2189.994	16275.414	LD
33		-2191.710	16292.337	LD
34	21350	-2192.672	16302.493	
35		-2194.166	16317.220	JRL
36		-2192.744	16317.473	JRM
37	21400	-2197.615	16352.253	
38	21450	-2202.564	16402.024	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK

LOCATION : TRACK IV CAKUNG STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-2129.423	15708.783	JRM
2		-2136.960	15742.942	BC
3		-2138.324	15749.364	LC
4		-2140.323	15758.885	LC
5		-2144.856	15782.934	
6	20850	-2148.146	15804.129	
7		-2150.578	15822.903	EC
8	20900	-2154.228	15853.780	
9		-2157.991	15886.260	FO
10		-2159.696	15901.086	FO
11		-2161.631	15917.801	
14		-2168.893	15979.833	BC
15	21050	-2171.118	16002.886	
16		-2172.879	16030.638	EC
18	21100	-2174.090	16520.738	
19		-2174.827	16066.254	BC
20	21125	-2175.484	16077.745	
21		-2176.804	16096.591	BH
22		-2177.104	16100.145	BH
23	21150	-2177.324	16102.653	
24		-2178.334	16113.607	EC
25	21175	-2179.711	16127.520	
26	21200	-2182.137	16152.425	
27	21225	-2184.583	16177.280	
28		-2186.786	16199.509	BC
29	21250	-2187.035	16202.202	
30		-2188.239	16217.487	
31	21275	-2188.553	16224.486	
32		-2188.816	16233.331	
33		-2188.933	16250.354	JRM

ST. BEKASI

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK I BEKASI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1	25500	-3513.434	20138.145	
2	25550	-3539.804	20180.599	
3	25600	-3566.182	20223.025	
4	25650	-3592.600	20265.489	
5		-3616.990	20304.614	BC
6	25700	-3619.051	20307.913	
7	25725	-3632.136	20329.198	
8	25750	-3645.047	20350.606	
9	25775	-3657.707	20372.174	
10	25800	-3670.094	20393.895	
11		-3672.823	20398.730	EC
12	25825	-3682.287	20415.696	
13		-3690.799	20430.878	BC
14	25850	-3694.537	20437.487	
15	25875	-3706.882	20459.202	
16	25900	-3719.386	20480.844	
17		-3729.398	20497.747	EC
18	25925	-3732.140	20502.344	
19	25950	-3745.061	20523.748	
20	25975	-3758.152	20545.123	
21	26000	-3771.153	20566.431	
22	26025	-3784.155	20587.797	
23		-3787.498	20593.312	JRL
24		-3786.273	20594.049	JRM
25	26050	-3797.143	20609.148	
26		-3800.476	20614.642	LD
27		-3808.916	20628.458	LD
28		-3818.909	20644.866	JRL
29		-3818.168	20645.265	JRM
30	26100	-3823.163	20651.854	
31		-3824.996	20654.838	LD
32		-3837.993	20676.234	JRL
33		-3839.189	20675.446	JRM
34	26150	-3849.231	20694.574	
35		-3868.802	20726.859	BC
36	26200	-3875.130	20737.307	
37	26225	-3888.250	20758.793	
38		-3891.343	20763.801	BH130
39		-3895.837	20771.045	EC
40		-3898.068	20774.626	BH130
41	26250	-3901.376	20779.857	
42	26300	-3928.212	20822.106	
43	26350	-3955.135	20864.146	
44	26400	-3982.014	20906.326	
45	26450	-4008.944	20948.474	
46		-4013.314	20955.384	BC
47	26475	-4022.278	20969.584	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK I BEKASI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
48		-4032.611	20986.075	EC
49	26500	-4035.544	20990.773	
50		-4059.977	21030.129	LC
51	26550	-4061.930	21033.258	
52		-4063.750	21036.187	LC
53	26600	-4088.372	21075.693	
54		-4096.166	21088.209	JRL
55		-4097.375	21087.460	JRM
56		-4109.381	21109.448	LD
57	26650	-4114.776	21118.128	
58		-4124.806	21134.312	LC
59		-4132.988	21147.353	LC
60	26700	-4141.220	21160.577	
61		-4145.313	21167.178	JRL
62		-4144.097	21167.948	JRM
63		-4158.567	21188.403	LD
64		-4168.416	21204.181	BC
65	26775	-4180.838	21224.232	
66		-4200.442	21256.809	EC
67	26825	-4206.545	21267.123	
68	26850	-4219.322	21288.634	
69		-4223.394	21295.437	BC
70	26875	-4232.189	21310.048	
71	26900	-4245.211	21331.358	
72		-4256.889	21350.203	BH135
73	26925	-4258.344	21352.576	
74	26950	-4271.582	21373.849	
75		-4295.856	21412.901	BH135
76	27000	-4297.982	21416.303	
77		-4320.887	21452.734	BC
78	27050	-4324.609	21458.550	
79	27075	-4338.380	21479.417	
80	27100	-4352.688	21499.926	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK II BEKASI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-3818.168	20645.265	JRM
2		-3830.217	20670.533	BC
3		-3843.555	20697.453	EC
4		-3852.246	20715.196	LD
5		-3863.994	20736.272	JRL
6		-3862.833	20736.964	JRM
7		-3870.879	20747.407	JRL
8		-3869.749	20748.157	JRM
9		-3883.683	20767.947	LD
10		-3884.204	20768.659	BH129
11		-3893.241	20783.209	BH129
12	26300	-3894.032	20784.480	
13	26350	-3920.412	20826.993	
14	26400	-3946.769	20869.359	
15	26450	-3973.171	20911.797	
16	26500	-3999.590	20954.296	
17	26550	-4026.014	20996.747	
18		-4050.398	21035.922	LC
19	26600	-4052.457	21039.218	
20		-4054.271	21042.146	LC
21		-4057.328	21047.085	LD
22		-4070.086	21067.585	JRL
23		-4068.962	21068.297	JRM
24		-4075.874	21079.499	JRM
25		-4076.991	21078.750	JRL
26	26650	-4078.929	21081.816	
27		-4090.677	21098.643	LD
28	26700	-4108.986	21122.364	
29		-4118.838	21135.160	LC
30		-4128.789	21148.206	LC
31		-4144.097	21167.948	JRM

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK III BEKASI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-3809.587	20658.867	JRM
2	26100	-3810.481	20660.179	
3		-3821.185	20676.007	BC
4	26125	-3824.540	20681.045	
5		-3837.394	20701.015	EC
6	26150	-3837.721	20701.541	
7		-3847.816	20717.871	LD
8		-3860.588	20738.393	JRM
9		-3861.713	20737.661	JRM
10		-3867.531	20749.505	JRL
11		-3868.652	20748.862	JRM
12		-3880.304	20770.048	LD
13		-3882.422	20773.412	BH
14		-3890.029	20785.672	BH
15	26250	-3890.627	20786.645	
16	26300	-3917.069	20829.119	
33	26350	-3943.315	20871.695	
34	26400	-3969.829	20913.935	
35	26450	-3996.268	20956.472	
36	26500	-4022.629	20998.917	
37		-4046.990	21038.051	LC
38	26550	-4049.051	21041.403	
39		-4050.813	21044.299	LC
40		-4053.920	21049.200	LD
41		-4066.687	21069.717	JRM
42		-4067.885	21069.088	JRM
43		-4074.750	21080.162	JRM
44		-4073.608	21080.877	JRL
45		-4086.371	21101.380	LD
46	26650	-4101.939	21126.446	
47		-4108.265	21136.642	LC
48		-4116.250	21149.670	LC
49		-4118.773	21153.817	BC
50		-4130.221	21172.960	EC
51		-4139.952	21189.465	JRM

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK IV BEKASI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1	25500	-3510.012	20140.213	
2	25550	-3536.419	20182.726	
3	25600	-3562.856	20225.308	
4	25650	-3589.228	20267.724	
5		-3613.563	20306.791	EC
6	25700	-3615.594	20310.101	
7	25725	-3628.576	20331.429	
8	25750	-3641.370	20352.998	
9	25775	-3653.871	20374.609	
10	25800	-3665.939	20396.217	
11		-3667.312	20398.642	EC
12	25825	-3677.960	20418.211	
13		-3686.277	20433.472	BC
14	25850	-3689.862	20440.089	
15	25875	-3701.761	20462.071	
16	25900	-3713.655	20484.162	
17		-3722.970	20501.486	EC
18		-3725.619	20506.379	LD
19	25950	-3737.239	20527.918	
20		-3737.464	20528.403	JRL
21		-3738.750	20527.731	JRM
22		-3821.185	20676.007	BC
23	25975	-3749.539	20550.590	
24	26000	-3761.363	20572.526	
25	20625	-3773.480	20594.923	
26		-3775.739	20599.110	JRL
27		-3774.491	20599.820	JRM
28	26050	-3785.324	20616.890	
29		-3787.631	20621.133	LD
30		-3796.462	20637.524	LD
31		-3808.402	20659.587	JRL
32		-3809.587	20658.867	JRM
33	26100	-3810.481	20660.179	
34	26125	-3824.540	20681.045	
35	26150	-3837.721	20701.541	
36		-3840.540	20719.562	BC
37	26175	-3844.052	20726.047	
38		-3851.251	20739.211	
39	26200	-3856.845	20749.203	
40		-3863.032	20760.339	
41	26225	-3869.369	20771.356	
42		-3878.020	20786.526	
43		-3882.114	20793.319	BH
44	26250	-3882.447	20793.875	
45		-3885.997	20800.045	
46		-3890.026	20806.744	
47		-3894.424	20813.857	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK IV BEKASI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
48		-3898.326	20820.400	
49		-3902.404	20827.068	
50		-3907.515	20835.136	EC
51	26350	-3933.989	20877.761	
52	36400	-3960.423	20920.232	
53	46450	-3986.808	20962.637	
54	56500	-4013.213	21005.045	
55		-4037.335	21043.866	LC
56	26550	-4039.719	21047.497	
57		-4044.343	21054.992	BC
58	26575	-4052.983	21068.701	
59	26600	-4066.566	21089.653	
60	26625	-4080.583	21110.345	
61	26650	-4095.003	21130.735	
62		-4100.657	21138.558	LC
63		-4109.399	21150.550	LC
64	26700	-4124.643	21171.174	
65		-4138.789	21190.288	JRL
66		-4139.952	21189.465	JRM
67		-4153.678	21210.348	LD
68	26750	-4154.394	21211.327	
69		-4177.538	21242.841	BC
70	26800	-4183.934	21251.674	
71	26825	-4198.304	21272.151	
72	26850	-4212.214	21292.947	
73	26875	-4225.768	21313.959	
74		-4229.895	21320.504	EC
75	26900	-4239.050	21335.109	
76		-4252.246	21356.243	BH134
77	26950	-4265.561	21377.666	
78		-4291.155	21418.772	BH134
79	27000	-4291.946	21420.022	
80		-4315.281	21456.357	BC
81	27050	-4319.145	21462.145	
82	27075	-4333.299	21482.697	
83	27100	-4348.049	21503.038	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
LOCATION : SIDING 1 BEKASI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-3808.265	20608.074	JRM
2		-3817.761	20620.394	LD
3		-3830.920	20637.744	JRL
4		-3829.931	20638.470	JRM
5	26100	-3835.728	20644.112	
6	26125	-3851.203	20664.578	
7	26150	-3865.824	20684.847	
8	26175	-3879.648	20704.806	
9	26200	-3893.978	20726.046	
10		-3910.481	20751.200	BH
11		-3917.101	20761.531	BH
12	26250	-3921.015	20767.791	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
LOCATION : SIDING 2 BEKASI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-3829.931	20638.47	JRM
2	26100	-3833.923	20644.977	
3	26150	-3860.229	20687.546	
4	26200	-3886.078	20729.742	
5		-3902.796	20756.406	BH
6		-3909.742	20767.391	BH
7	26250	-3913.022	20772.634	
8	26300	-3939.699	20814.983	
9	26350	-3966.221	20856.923	
10	26400	-3992.904	20899.211	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
LOCATION : SIDING 3 BEKASI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-3783.737	20576.074	JRM
2		-3795.043	20590.739	LD
3	26050	-3804.231	20603.836	
4		-3808.265	20608.074	JRM
5		-3807.259	20608.735	JRL
6	26100	-3830.716	20647.194	
7	26150	-3856.323	20689.795	
8	26200	-3882.267	20732.822	
9		-3897.554	20758.240	BH
10		-3904.754	20770.006	BH
11	26250	-3908.436	20775.942	
12	26300	-3934.972	20817.727	
13	26350	-3961.759	20859.954	
14	26400	-3988.445	20901.713	
15		-3993.562	20909.720	LD
16		-4005.192	20928.047	JRL
17		-4004.178	20928.748	JRM
18	26450	-4015.587	20944.548	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : SIDING 4 BEKASI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1	25700	-3620.415	20301.386	
2	25750	-3649.082	20347.983	
3	25800	-3674.328	20391.28	
4	25850	-3699.299	20434.806	
5	25900	-3724.011	20477.775	
6	25950	-3748.973	20520.963	
7		-3771.305	20558.215	LD
8	26000	-3774.874	20564.019	
9		-3783.737	20576.074	JRM
10		-3782.736	20576.740	JRL
11	26050	-3801.149	20606.742	
12	26100	-3827.024	20649.371	
13		-3851.530	20689.498	JRL
14		-3850.349	20690.288	JRM
15	26150	-3854.748	20694.803	
16		-3864.544	20710.944	LD
17	26200	-3879.024	20735.036	
18		-3894.964	20761.405	BH
19		-3895.265	20761.889	BC
20		-3899.087	20768.116	EC
21		-3901.584	20772.146	BH
22	26250	-3905.132	20777.849	
23	26300	-3931.688	20819.711	
24	26350	-3958.541	20861.861	
25	26400	-3985.482	20904.039	
26		-4009.317	20939.059	JRM
27		-4008.119	20939.799	JRL
28	26450	-4012.073	20946.109	
29		-4019.831	20958.111	LD
30		-4020.446	20959.133	BC
31	26500	-4039.209	20988.385	
32		-4063.727	21027.703	LC
33	26550	-4065.085	21029.866	
42		-4129.671	21133.589	LC
43		-4138.1	21147.09	LC
44	26700	-4145.143	21158.087	
45	26750	-4172.435	21200.403	
46	26800	-4199.221	21242.583	
47	26825	-4213.797	21264.333	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
LOCATION : SIDING 5 BEKASI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1	25638	-3572.670	20265.748	
2	25650	-3577.954	20274.247	
3	25700	-3603.950	20315.982	
4	25800	-3658.892	20404.219	
5		-3673.069	20427.230	
6	25850	-3682.933	20444.812	
7		-3692.179	20463.152	JRL
8		-3690.880	20463.795	JRM
9		-3703.230	20485.609	LD
10	25900	-3705.209	20489.726	
11		-3714.540	20508.586	JRM

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
LOCATION : SIDING 6 BEKASI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1	25638	-3569.135	20268.006	
2	25650	-3574.475	20276.598	
3	25700	-3601.171	20319.507	
4		-3665.827	20423.519	
5	25850	-3679.908	20446.152	
6		-3690.88	20463.795	JRM

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
LOCATION : SIDING 7 BEKASI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1	25638	-3563.838	20269.071	
2	25650	-3570.166	20279.262	
3	25700	-3596.363	20321.396	
4		-3661.555	20426.145	
5	25850	-3675.789	20449.049	
6	25900	-3702.177	20491.505	
7		-3713.314	20508.996	JRL
8		-3714.540	20508.586	JRM
9		3726.658	20530.516	LD
10		-3732.067	20539.463	JRM

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
LOCATION : SIDING 8 BEKASI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1	25638	-3560.682	20271.855	
2	25650	-3566.630	20281.418	
3	25700	-3592.886	20323.651	
4	25750	3619.298	20366.104	
5	25800	-3645.781	20408.751	
6	25850	-3672.343	20451.457	
7	25900	-3698.635	20493.750	
8		-3706.484	20506.129	JRM

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
LOCATION : SIDING 9 BEKASI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1	25638	-3557.178	20273.802	
2	25650	-3563.295	20283.685	
3	25700	-3589.883	20326.422	
4	25750	-3616.022	20368.445	
5	25800	-3642.031	20410.259	
6	25850	-3668.541	20452.847	
7		-3682.012	20474.191	JRM

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : SIDING 10 BEKASI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1	25638	-3554.546	20277.598	
2	25650	-3556.440	20285.546	
3	25700	-3586.261	20328.658	
4	25750	-3612.213	20370.290	
5	25800	-3638.942	20413.215	
6		-3643.566	20420.551	JRL
7		-3642.546	20421.291	JRM
8		-3655.181	20439.241	LD
9	25850	-3665.282	20454.316	
10		-3673.182	20465.307	BC
11		-3680.859	20475.041	JRL
12		-3682.012	20474.191	JRM
13		-3696.083	20494.897	LD
14		-3705.312	20506.942	JRL
15		-3706.484	20506.129	JRM
16		-3720.549	20526.817	LD
17		-3730.913	20540.288	JRL
18		-3732.067	20539.463	JRM
19	25975	-3742.184	20554.821	
20		-3746.140	20560.128	LD
21		-3754.968	20571.855	
22	26000	-3757.140	20574.983	
23		-3764.854	20585.726	
24		-3774.491	20599.820	JRM

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
LOCATION : SIDING 11 BEKASI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-3558.076	20349.544	JRM
2		-3568.643	20362.540	
3		-3580.383	20374.460	
4	25750	-3597.742	20387.480	
5	25775	-3619.670	20401.355	
6		-3633.172	20411.025	
7		-3642.546	20421.291	JRM

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
LOCATION : SIDING 12 BEKASI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1	25583	-3494.290	20250.474	
2		-3516.002	20284.911	
3	25650	-3529.839	20306.955	
4		-3545.492	20331.819	LD
5		-3557.116	20350.285	JRL
6		-3558.076	20349.544	JRM
7		-3564.117	20361.482	LD
8		-3575.870	20380.104	JRL
9		-3574.814	20380.696	JRM
10	25830	-3626.021	20459.775	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
LOCATION : SIDING 13 BEKASI STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1	25617	-3503.594	20284.746	
2	25650	-3525.530	20313.839	
3		-3540.775	20334.773	
4		-3553.677	20354.315	
5		-3585.064	20404.142	JRL
6		-3586.106	20403.509	JRM
7		-3596.673	20422.523	LD
8	25830	-3621.821	20462.497	

ST. TAMBUN

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK

LOCATION : TRACK I TAMBUN STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-6439.720	27044.930	JRM
2	33100	-6450.038	27072.227	
3	33150	-6463.122	27120.556	
4		-6472.920	27158.471	LD
5		-6479.725	27179.100	JRM
6		-6478.564	27179.518	JRL
7	33225	-6482.428	27192.804	
8	33250	-6489.858	27216.485	
9		-6492.285	27225.140	BC
10	33300	-6502.876	27264.961	
11	33350	-6515.583	27312.756	
12	33400	-6528.623	27361.618	
13		-6532.314	27375.487	LC
14		-6535.091	27385.655	LC
15	33450	-6541.469	27409.509	
16		-6547.875	27433.684	JRL

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK II TAMBUN STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1	32900	-6381.596	26831.875	
2		-6382.220	26834.180	BH152
3		-6384.635	26843.247	BH152
4	32950	-6394.468	26880.164	
5	33000	-6407.327	26928.520	
6	33050	-6420.201	26976.821	
7		-6422.335	26984.902	JRL
8		-6420.965	26985.320	JRM
9		-6428.460	27007.992	LD
10		-6432.246	27022.314	LD
11	33100	-6432.988	27025.109	
12		-6438.378	27045.373	JRL
13		-6439.720	27044.930	JRM
14	33150	-6445.793	27073.512	
15	33200	-6458.511	27121.818	
16	33250	-6471.359	27170.130	
17	33300	-6484.239	27218.438	
18	33350	-6497.146	27266.773	
19	33400	-6510.014	27315.041	
20	33450	-6522.907	27363.356	
21		-6527.006	27378.694	LC
22		-6529.659	27388.398	LC
23	33500	-6535.813	27411.636	
24	33550	-6548.669	27459.919	
25	33600	-6561.537	27508.206	
26		-6570.422	27541.518	JRL
27		-6571.844	27541.170	JRM
28		-6576.597	27564.541	LD
29		-6582.767	27587.614	JRL
30		-6581.373	27587.920	JRM
31	33700	-6587.322	27604.863	
32	33750	-6600.091	27653.091	
33		-6607.799	27682.294	BH154A
34		-6608.382	27684.487	BH154A
35	33800	-6612.921	27701.588	
36		-6622.362	27735.932	EC
37	33850	-6626.265	27749.692	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK III TAMBUN STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1	32900	-6377.865	26832.925	
2		-6378.464	26835.178	BH152
3		-6380.898	26844.239	BH152
4	32950	-6390.710	26881.321	
5	33000	-6403.575	26929.608	
6		-6409.985	26953.685	LD
7		-6416.161	26976.768	JRL
8		-6417.529	26976.342	JRM
9	33050	-6416.464	26977.913	
10	33100	-6429.342	27026.149	
11		-6439.628	27065.583	LD
12	33150	-6441.951	27074.517	33150
13		-6445.829	27094.921	JRM
14		-6447.217	27094.626	JRL
15	33200	-6454.498	27122.844	
16	33250	-6466.267	27171.502	
17		-6469.258	27184.198	BC
18	33300	-6477.766	27219.912	
19	33350	-6490.190	27268.450	
20		-6491.450	27273.230	EC
21	33400	-6503.125	27316.974	
22	33450	-6516.095	27365.370	
23		-6520.478	27381.779	LC
24		-6523.019	27391.151	LC
25	33500	-6528.989	27413.503	
26	33550	-6541.791	27461.837	
27	33600	-6554.496	27509.787	
28	33650	-6567.635	27559.402	
29		-6578.183	27599.492	JRL
30		-6576.840	27599.889	JRM
31	33700	-6580.080	27606.700	
32		-6585.830	27628.499	JRL
33		-6587.232	27628.194	JRM
34		-6591.958	27651.551	LD
35	33750	-6592.962	27655.246	
36		-6600.961	27684.229	BH154A
37		-6601.629	27686.651	BH154A
38	33800	-6606.330	27703.295	
39	33850	-6620.402	27751.272	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK IV TAMBUN STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-6445.829	27094.921	JRM
2	33150	-6450.470	27124.534	
3		-6453.707	27141.227	
4	33200	-6460.753	27172.947	
5		-6463.923	27186.523	EC
6	33250	-6472.512	27221.496	
7	33300	-6485.375	27270.216	
8	33350	-6498.201	27318.262	
9	33350	-6511.473	27366.783	
10	33400	-6511.472	27366.769	
11		-6516.213	27383.808	LC
12		-6519.084	27393.918	LC
13	33450	-6524.672	27414.663	
14	33500	-6537.319	27463.202	
15	33550	-6550.054	27511.415	
16		-6560.454	27550.708	BC
17	33600	-6563.087	27559.632	
18		-6570.070	27581.053	
19		-6573.517	27590.749	
20		-6570.841	27535.273	
21		-6567.816	27517.827	
22		-6576.840	27599.889	JRM

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : SIDING 1 TAMBUN STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-6479.725	27179.100	JRM
2		-6481.907	27184.613	
3		-6487.297	27195.075	
4	33250	-6496.079	27210.684	
5		-6506.119	27228.918	
6		-6510.576	27238.298	
7		-6515.592	27250.792	
8		-6520.643	27266.461	
9		-6527.388	27290.779	
10	33350	-6532.853	27310.711	
11		-6536.760	27329.111	
12		-6538.498	27347.886	
13	33400	-6539.449	27363.834	
14		-6540.102	27373.441	LC
15		-6541.115	27382.606	LC
16		-6545.158	27409.641	
17		-6549.041	27433.397	JRM

ST. CIKARANG

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK I CIKARANG STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-6056.750	37003.533	JRM
2		-6058.986	37007.875	LD
3		-6070.062	37029.046	JRL
8		-6079.668	37048.421	BC
9	43300	-6096.466	37088.563	
10	43350	-6115.921	37135.416	
11	43400	-6135.275	37182.049	
12	43450	-6154.410	37228.246	
13		-6170.395	37266.818	JRL
14		-6171.737	37266.337	JRM
15		-6179.641	37288.843	LD
17	43550	-6193.021	37320.784	
18		-6203.406	37346.380	BC
19	43600	-6210.463	37367.506	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK II CIKARANG STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1	43100	-5996.561	36860.905	
2		-5998.537	36865.737	BH182
3		-6009.083	36891.185	BH182
4	43150	-6015.720	36907.105	
5		-6022.952	36924.567	EC
6		-6025.180	36929.921	LC
7	43200	-6034.877	36953.325	
8		-6037.051	36958.694	JRL
9		-6035.765	36959.302	JRM
10		-6046.206	36980.758	LD
11	43250	-6054.040	36999.488	
12		-6055.829	37003.920	JRL
13		-6056.750	37003.533	JRM
14	43300	-6073.187	37045.670	
15	43350	-6092.357	37091.841	
16	43400	-6111.518	37138.012	
17	43450	-6130.688	37184.189	
18	43500	-6149.833	37230.364	
19	43550	-6169.040	37276.579	
20	43600	-6188.251	37322.775	
21	43650	-6207.517	37368.937	
22		-6215.423	37387.844	JRL
23		-6216.798	37387.536	JRM
24		-6219.001	37394.287	JRM
25		-6223.377	37406.517	JRL
26	43700	-6226.769	37415.065	
27		-6233.926	37432.232	LD
28		-6245.082	37458.846	JRL
29		-6238.164	37443.097	JRM
30	43750	-6245.971	37461.160	
31	43800	-6265.193	37507.379	
32		-6279.728	37542.217	LC
33	43850	-6284.409	37553.589	
34		-6286.404	37558.385	LC
35	43900	-6303.534	37599.716	
36		-6326.336	37654.503	BC
37	43975	-6332.400	37668.828	
38	44000	-6342.399	37691.747	
39	44025	-6352.717	37714.423	
40		-6361.858	37733.848	EC
41	44050	-6363.376	37737.037	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK III CIKARANG STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1	43100	-5990.226	36863.661	
2		-5992.187	36868.515	BH182
3		-6002.654	36893.974	BH182
4		-6005.204	36900.180	LD
5	43150	-6009.092	36909.627	
6		-6014.302	36922.264	JRL
7		-6015.611	36921.689	JRL
8		-6016.217	36926.891	LC
9		-6018.788	36933.036	LC
10	43200	-6028.262	36955.902	
11		-6038.912	36981.694	LD
12	43250	-6047.474	37002.172	
13		-6048.127	37003.859	JRL
14		-6046.716	37004.228	JRM
15	43300	-6066.679	37048.465	
16	43350	-6085.885	37094.717	
17	43400	-6105.054	37140.790	
18	43450	-6124.082	37186.602	
19	43500	-6143.374	37233.025	
20	43550	-6162.709	37279.521	
21	43600	-6181.803	37325.536	
22	43650	-6201.284	37372.320	
23	43700	-6219.880	37416.977	
24		-6225.977	37431.632	JRL
25		-6224.687	37432.242	JRM
26		-6234.986	37453.155	LD
27	43750	-6239.279	37463.498	
28		-6258.397	37509.500	JRL
29		-6259.735	37509.021	JRM
30		-6269.465	37536.074	LD
31		-6275.208	37549.970	LC
32	43950	-6278.070	37556.918	
33		-6281.352	37564.799	LC
34		-6292.951	37592.558	BC
35	43900	-6297.021	37602.210	
36	43925	-6306.824	37625.155	
37	43950	-6317.186	37648.603	
38	43975	-6327.299	37670.777	
39	44000	-6338.286	37693.988	
40	44050	-6360.069	37739.010	

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
 LOCATION : TRACK IV CIKARANG STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-6046.716	37004.228	JRM
2		-6051.031	37019.349	
3		-6053.976	37029.447	
4		-6059.005	37044.638	
5	43250	-6061.777	37052.004	
6		-6066.305	37063.624	EC
7	43300	-6080.077	37097.016	
8	43350	-6099.304	37143.130	
9	43400	-6118.506	37189.215	
10	43450	-6137.804	37235.412	
11	43500	-6157.019	37281.624	
12	43550	-6176.226	37327.779	
13	43600	-6196.033	37374.987	
14		-6199.030	37381.876	BC
15		-6206.687	37398.247	
16		-6212.812	37410.498	
17		-6219.760	37423.477	
18		-6224.687	37432.242	JRM

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK
LOCATION : SIDING 1 CIKARANG STATION

NO	KM	COORDINATE		REMARKS
		X	Y	
1		-6047.555	36929.566	
2		-6131.527	37130.071	
3		-6155.628	37197.584	
4		-6159.597	37215.854	
5		-6149.009	37174.777	
8		-6167.113	37251.204	
9		-6171.737	37266.337	JRM

CIKARANG YARD

LIST OF TRACK COORDINATE

PROJECT : DOUBLE-DOUBLE TRACK

LOCATION : UP TRACK CIKARANG YARD

NO	KM	COORDINATE		REMARKS
		X	Y	
1	44050	-6384.584	37780.852	
2	44100	-6406.468	37825.817	
3	44150	-6428.269	37870.809	
4		-6432.035	37878.568	FO
5		-6440.516	37896.022	FO
6		-6443.308	37901.776	FO
7	44200	-6450.121	37915.771	
8		-6450.581	37916.743	FO
9	44250	-6471.946	37960.753	
10	44300	-6493.775	38005.716	
11	44350	-6515.577	38050.702	
12	44400	-6537.420	38095.712	
13	44450	-6559.221	38140.694	
14	44500	-6580.979	38185.728	
15	44550	-6602.822	38230.728	
16	44600	-6624.601	38275.739	
17	44610	-6628.970	38284.763	

LIST OF TRACK COORDINATE

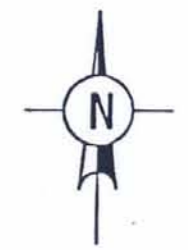
PROJECT : DOUBLE-DOUBLE TRACK
LOCATION : DOWN TRACK CIKARANG YARD

NO	KM	COORDINATE		REMARKS
		X	Y	
1	44050	-6381.197	37782.491	
2	44100	-6403.031	37827.477	
3	44150	-6424.827	37872.435	
4		-6431.464	37886.160	FO
5		-6439.676	37903.100	FO
6		-6442.680	37909.304	FO
7	44200	-6446.565	37917.312	
8		-6449.564	37923.490	FO
9	44250	-6468.467	37962.498	
10	44300	-6490.223	38007.455	
11	44350	-6512.032	38052.462	
12	44400	-6533.861	38097.501	
13	44450	-6555.599	38142.388	
14	44500	-6577.414	38187.451	
15	44550	-6599.307	38232.493	
16	44600	-6621.133	38277.473	
17	44610	-6625.485	38286.432	

APPENDIX 6

TOPOGRAPHIC MAP

TOPOGRAPHIC MAP
MANGGARAI - CIKARANG



SCALE 1 : 30.000

