

Appendix G Departures from Standards Schedule

Alignment Departures from Standard

Section	Departure No.	Chainage (m)		Length (m)	Departure Category	Departure Type	Standard Provided		Standard Required	DMRB Reference	
		Start	End								
Hardmuir Wood to Alves	D1	30,980	31,000	20	Junction Approach	JA + SSD	One Step	SSD=187.2m	SSD>=215m	CI 1.26	TD 9/93
Hardmuir Wood to Alves	D2	31,000	31,130	130	JA/Combination of Relaxations	JA + Ver + SSD	One Step, One Step	K=73.76, SSD=186.6m	K>=100, SSD>=215m	CI 1.24/1.26	TD 9/93
Hardmuir Wood to Alves	D3	31,130	31,210	80	Junction Approach	JA + Ver	One Step	K=73.76	K>=100	CI 1.26	TD 9/93
Hardmuir Wood to Alves	D4	31,220	31,290	70	JA/Combination of Relaxations	JA + Ver + SSD reverse	One Step, One Step	K=73.76, SSD=186.6m (R)	K>=100, SSD>=215m	CI 1.24/1.26	TD 9/93
Hardmuir Wood to Alves	D5	31,300	31,330	30	Junction Approach	JA + SSD reverse	One Step	SSD=189.1m (R)	SSD>=215m	CI 1.26	TD 9/93
Hardmuir Wood to Alves	D6	32,910	33,070	160	JA/Combination of Relaxations	JA + Hor + SSD	Three Step, Two Step	R=350m, SSD=131.5m	R>=720m, SSD>=215m	CI 1.26	TD 9/93
Hardmuir Wood to Alves	D7	33,010	33,170	160	JA/Combination of Relaxations	JA + Hor + SSD reverse	Three Step, Two Step	R=350m, SSD=131.5m (R)	R>=720m, SSD>=215m	CI 1.26	TD 9/93
Hardmuir Wood to Alves	D8	34,370	34,430	60	Junction Approach	JA + SSD reverse	One Step	SSD=182.4m (R)	SSD>=215m	CI 1.26	TD 9/93
Hardmuir Wood to Alves	D9	34,810	34,970	160	Combination of Relaxations	Hor + SSD	Two Step, Two Step	R=400m, SSD=140.4m	R>=720m, SSD>=215m	CI 1.24	TD 9/93
Hardmuir Wood to Alves	D10	34,920	34,970	50	Combination of Relaxations	Hor + SSD reverse	Two Step, Two Step	R=400m, SSD=140.4m	R>=720m, SSD>=215m	CI 1.24	TD 9/93
Hardmuir Wood to Alves	D11	35,230	35,280	50	Junction Approach	JA + SSD	One Step	SSD=211.1m	SSD>=215m	CI 1.26	TD 9/93
Hardmuir Wood to Alves	D12	35,450	35,490	40	Junction Approach	JA + SSD reverse	One Step	SSD=211.3m	SSD>=215m	CI 1.26	TD 9/93
Hardmuir Wood to Alves	D13	35,750	35,830	80	Junction Approach	JA + SSD reverse	One Step	SSD=184.5m	SSD>=215m	CI 1.26	TD 9/93
Hardmuir Wood to Alves	D14	36,230	36,280	50	Junction Approach	JA + SSD	One Step	SSD=167.2m	SSD>=215m	CI 1.26	TD 9/93
Hardmuir Wood to Alves	D15	36,290	36,350	60	Junction Approach	JA + SSD	Two Step	SSD=128.2m	SSD>=215m	CI 1.26	TD 9/93
Hardmuir Wood to Alves	D16	36,360	36,540	180	JA/Combination of Relaxations	JA + Hor + SSD	Three Step, Two Step	R=325m, SSD=126.7m	R>=720m, SSD>=215m	CI 1.26	TD 9/93
Hardmuir Wood to Alves	D17	36,450	36,600	150	Combination of Relaxations	Hor + SSD	Three Step, Two Step	R=325m, SSD=126.7m	R>=720m, SSD>=215m	CI 1.24	TD 9/93
Hardmuir Wood to Alves	D18	36,550	36,590	40	JA/Combination of Relaxations	JA + Hor + SSD	Three Step, One Step	R=325m, SSD=162.8m	R>=720m, SSD>=215m	CI 1.26	TD 9/93
Hardmuir Wood to Alves	D19	36,600	36,855	255	JA/Combination of Relaxations	JA + Ver + SSD	One Step, Two Step	K=55, SSD=121m	K=100, R=215m	CI 1.26	TD 9/93
Hardmuir Wood to Alves	D20	36,750	37,010	260	JA/Combination of Relaxations	JA + Hor + SSD	Three Step, Two Step	R=300m, SSD=121m	R>=720m, SSD>=215m	CI 1.26	TD 9/93
Hardmuir Wood to Alves	D21	42,070	42,280	210	Junction Approach	JA + Hor	One Step	R=510m	R>=720m	CI 1.26	TD 9/93
Hardmuir Wood to Alves	D22	42,320	42,330	10	JA/Combination of Relaxations	JA + Hor + Ver + SSD + SSD reverse	Three Step, Three Step, Three Step, Two Step	R=100m, K=16.434, SSD=68.1m, SSD=155.1m	R>=720m, K>=100, SSD>=215m	CI 1.24/1.26	TD 9/93
Hardmuir Wood to Alves	D23	42,410	42,430	20	JA/Combination of Relaxations	JA + Ver + SSD reverse	Three Step, Three Step	K=14.542, SSD=89.3m,	K>=26, SSD>=215m	CI 1.24/1.26	TD 9/93
Hardmuir Wood to Alves	D24	42,430	42,560	130	JA/Combination of Relaxations	JA + Ver + SSD	Three Step, One Step	K=14.542, SSD=192.6m	K>=26, SSD>=215m	CI 1.24/1.26	TD 9/93
Hardmuir Wood to Alves	D25	42,460	42,480	20	Junction Approach	JA + Ver	Three Step	K=14.542	K>=26	CI 1.26	TD 9/93
Hardmuir Wood to Alves	D26	42,480	42,500	20	Junction Approach	JA + Ver	Three Step	K=14.542	K>=26	CI 1.26	TD 9/93
Hardmuir Wood to Alves	D27	42,500	42,530	30	JA/Combination of Relaxations	JA + SSD + SSD reverse	Two Step, One Step	SSD=133.2m, SSD=163m	SSD>=215m	CI 1.24/1.26	TD 9/93
Hardmuir Wood to Alves	D28	42,560	42,580	20	JA/Combination of Relaxations	JA + Hor + SSD	Three Step, Two Step	R=250m, SSD=131.3m	R>=720m, SSD>=215m	CI 1.24/1.26	TD 9/93
Hardmuir Wood to Alves	D29	42,580	42,620	40	JA/Combination of Relaxations	JA + Hor + SSD	Three Step, One Step	R=250m, SSD=164.1m	R>=720m, SSD>=215m	CI 1.24/1.26	TD 9/93
Hardmuir Wood to Alves	D30	42,620	42,640	20	JA/Combination of Relaxations	JA + Hor + SSD + SSD reverse	Three Step, Two Step, Two Step	R=250m, SSD=150.6m, SSD=129m	R>=720m, SSD>=215m	CI 1.24/1.26	TD 9/93
Hardmuir Wood to Alves	D31	42,640	42,660	20	JA/Combination of Relaxations	JA + Hor + SSD + SSD reverse	Three Step, Two Step, Three Step	R=250m, SSD=134.1m, SSD=96.9m	R>=720m, SSD>=215m	CI 1.24/1.26	TD 9/93
Hardmuir Wood to Alves	D32	42,660	42,700	40	JA/Combination of Relaxations	JA + SSD + SSD reverse	Two Step, Three Step	SSD=125.7m, SSD=97.5m	SSD>=215m	CI 1.24/1.26	TD 9/93
Hardmuir Wood to Alves	D33	42,700	42,720	20	JA/Combination of Relaxations	JA + Ver + SSD + SSD reverse	Two Step, Two Step, Three Step	K=33.12, SSD=125m, SSD=111m	K>=100, SSD>=215m	CI 1.24/1.26	TD 9/93
Hardmuir Wood to Alves	D34	42,720	42,760	40	JA/Combination of Relaxations	JA + Ver + SSD + SSD reverse	Two Step, Two Step, Two Step	K=33.12, SSD=125m, SSD=125m	K>=100, SSD>=215m	CI 1.24/1.26	TD 9/93
Hardmuir Wood to Alves	D35	42,760	42,800	40	JA/Combination of Relaxations	JA + Ver + SSD reverse	Two Step, One Step	K=33.12, SSD=168.3m	K>=100, SSD>=215m	CI 1.24/1.26	TD 9/93
Hardmuir Wood to Alves	D36	42,800	42,840	40	JA/Combination of Relaxations	JA + Ver + SSD reverse	Two Step, Two Step	K=33.12, SSD=124.8m	K>=100, SSD>=215m	CI 1.24/1.26	TD 9/93
Hardmuir Wood to Alves	D37	42,840	42,940	100	Junction Approach	JA + SSD reverse	Two Step	SSD=125m	SSD>=215m	CI 1.26	TD 9/93
Hardmuir Wood to Alves	D38	42,940	42,960	20	Junction Approach	JA + SSD reverse	One Step	SSD=164.1m	SSD>=215m	CI 1.24/1.26	TD 9/93
Hardmuir Wood to Alves	D39	42,960	43,000	40	Junction Approach	JA + SSD reverse	One Step	SSD=179.6m	SSD>=215m	CI 1.24/1.26	TD 9/93
Hardmuir Wood to Alves	D40	43,970	44,150	180	Junction Approach	JA + Ver	Two Step	K=73.76	K>=100	CI 1.26	TD 9/93
Hardmuir Wood to Alves	D41	44,150	44,200	50	JA/Combination of Relaxations	JA + Ver + SSD	Two Step, One Step	K=73.76, SSD=178m	K>=100, SSD>=215m	CI 1.24/1.26	TD 9/93
Hardmuir Wood to Alves	D42	44,250	44,260	10	Junction Approach	JA + SSD reverse	One Step	SSD=212m	SSD>=215m	CI 1.26	TD 9/93
Hardmuir Wood to Alves	D43	44,260	44,340	80	Junction Approach	JA + Ver	Three Step	K=38.125	K>=100	CI 1.26	TD 9/93
Hardmuir Wood to Alves	D44	44,400	44,450	50	Junction Approach	JA + SSD reverse	One Step	SSD=184m	SSD>=215m	CI 1.26	TD 9/93
Hardmuir Wood to Alves	D45	45,230	45,280	50	Junction Approach	JA + Ver	One Step	K=64.762	K>=100	CI 1.26	TD 9/93
Hardmuir Wood to Alves	D46	45,230	45,280	50	JA/Combination of Relaxations	JA + Ver + SSD	One Step, One Step	K=64.762, SSD=162m	K>=100, SSD>=215m	CI 1.26	TD 9/93
Hardmuir Wood to Alves	D47	45,280	45,330	50	Junction Approach	JA + SSD	One Step, Two Step	K=64.762, SSD=129.4m	K>=100, SSD>=215m	CI 1.26	TD 9/93
Hardmuir Wood to Alves	D48	45,330	45,380	50	JA/Combination of Relaxations	JA + Hor + Ver + SSD	Two Step, One Step, Two Step	R=400, K=21.526, SSD=122.3m	R>=720m, K>=26, SSD>=215m	CI 1.24/1.26	TD 9/93
Hardmuir Wood to Alves	D49	45,380	45,460	80	JA/Combination of Relaxations	JA + Hor + SSD	Two Step, Two Step	R=400, SSD=122.3m	R>=720m, SSD>=215m	CI 1.24/1.26	TD 9/93
Hardmuir Wood to Alves	D50	45,460	45,500	40	Junction Approach	JA + Hor	Two Step	R=400	R>=720m	CI 1.24/1.26	TD 9/93
Hardmuir Wood to Alves	D51	45,720	45,760	40	Junction Approach	JA + Ver	One Step				

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Section	Departure No.	Chainage (m)		Length (m)	Departure Category	Departure Type	Standard Provided	Standard Required	DMRB Reference	
		Start	End							
Alves to Lhanbryde	D82	51,020	51,050	30	Junction Approach	JA + Ver	Three Step	K=21.43	K>=100	CI 1.26 TD 9/93
Alves to Lhanbryde	D83	64,930	64,950	20	Combination of Relaxations	Hor + SSD	Three Step, One Step	R=350m, SSD=161.1m	R>=720m, SSD>=215m	CI 1.24 TD 9/93
Alves to Lhanbryde	D84	64,950	64,970	20	Combination of Relaxations	Hor + SSD	Three Step, Two Step	R=350m, SSD=157.2m	R>=720m, SSD>=215m	CI 1.24 TD 9/93
Alves to Lhanbryde	D85	64,970	65,000	30	Combination of Relaxations	Hor + Ver + SSD	Three Step, Two Step, Two Step	R=350m, K=52.214, SSD=157.2m	R>=720m, K>=100, SSD>=215m	CI 1.24 TD 9/93
Alves to Lhanbryde	D86	65,000	65,060	60	Combination of Relaxations	Ver + SSD	Two Step, Two Step	K=52.214, SSD=157.2m	K>=100, SSD>=215m	CI 1.24 TD 9/93
Alves to Lhanbryde	D87	65,060	65,080	20	Combination of Relaxations	Ver + SSD	Two Step, Two Step	K=52.214, SSD=156.9m	K>=100, SSD>=215m	CI 1.24 TD 9/93
Alves to Lhanbryde	D88	65,080	65,100	20	Combination of Relaxations	Ver + SSD	Two Step, Two Step	K=52.214, SSD=157.2m	K>=100, SSD>=215m	CI 1.24 TD 9/93
Alves to Lhanbryde	D89	65,100	65,110	10	Combination of Relaxations	Ver + SSD + SSD Reverse	Two Step, Two Step, One Step	K=52.214, SSD=157.2m, SSD=173.7m	K>=100, SSD>=215m	CI 1.24 TD 9/93
Alves to Lhanbryde	D90	65,110	65,130	20	Combination of Relaxations	Ver + SSD + SSD Reverse	Two Step, Two Step, Two Step	K=52.214, SSD=157.2m, SSD=154.6m	K>=100, SSD>=215m	CI 1.24 TD 9/93
Alves to Lhanbryde	D91	65,130	65,140	10	Combination of Relaxations	Ver + SSD + SSD Reverse	Two Step, One Step, Two Step	K=52.214, SSD=163.9m, SSD=156.1m	K>=100, SSD>=215m	CI 1.24 TD 9/93
Alves to Lhanbryde	D92	65,140	65,160	20	Combination of Relaxations	Ver + SSD Reverse	Two Step, Two Step	K=52.214, SSD=156.9m	K>=100, SSD>=215m	CI 1.24 TD 9/93
Alves to Lhanbryde	D93	65,160	65,240	80	Combination of Relaxations	Ver + SSD + SSD Reverse	Two Step, One Step, Two Step	K=52.214, SSD=161.1m, SSD=157.2m	K>=100, SSD>=215m	CI 1.24 TD 9/93
Alves to Lhanbryde	D94	65,240	65,270	30	Combination of Relaxations	Ver + SSD + SSD Reverse	Two Step, Two Step, Two Step	K=52.214, SSD=154.2m, SSD=157.2m	K>=100, SSD>=215m	CI 1.24 TD 9/93
Alves to Lhanbryde	D95	65,270	65,280	10	Combination of Relaxations	Hor + Ver + SSD + SSD Reverse	One Step, Two Step, Two Step, Two Step	R=550m, K=52.214, SSD=158.8m, SSD=156.9m	R>=720m, K>=100, SSD>=215m	CI 1.24 TD 9/93
Alves to Lhanbryde	D96	65,280	65,300	20	Combination of Relaxations	Hor + SSD + SSD Reverse	One Step, One Step, Two Step	R=550m, SSD=166m, SSD=157.6m	R>=720m, SSD>=215m	CI 1.24 TD 9/93
Alves to Lhanbryde	D97	65,520	65,690	170	Junction Approach	Ver + SSD	One Step, One Step	K=72.236, SSD=184.5m	K>=100, SSD>=215m	CI 1.24 TD 9/93
Alves to Lhanbryde	D98	65,690	65,770	80	Combination of Relaxations	Ver + SSD + SSD Reverse	One Step, One Step, One Step	K=72.236, SSD=184.7m SSD=184.7m	K>=100, SSD>=215m	CI 1.24 TD 9/93
Alves to Lhanbryde	D99	65,770	65,790	20	JA/Combination of Relaxations	JA + Ver + SSD	One Step, One Step	K=72.236, SSD=185.9m	K>=100, SSD>=215m	CI 1.24/1.26 TD 9/93
Alves to Lhanbryde	D100	65,790	65,960	170	Junction Approach	JA + Ver	One Step	K=72.236	K>=100	CI 1.24/1.26 TD 9/93
Alves to Lhanbryde	D101	65,980	66,020	40	Junction Approach	JA + Ver	Three Step, One Step	K=18.306, SSD=189.7m,	K>=26, SSD>=215m	CI 1.24/1.26 TD 9/93
Alves to Lhanbryde	D102	66,020	66,090	70	Junction Approach	JA + Ver	Three Step	K=18.306	K>=26,	CI 1.26 TD 9/93
Alves to Lhanbryde	D103	66,090	66,130	40	JA/Combination of Relaxations	JA + Ver + SSD	Three Step, One Step	K=18.306, SSD=196.8m	K>=26, SSD>=215m	CI 1.24/1.26 TD 9/93
Alves to Lhanbryde	D104	66,130	66,140	10	JA/Combination of Relaxations	JA + Hor + Ver	One Step, Three Step, One Step	R=600m, K=18.306,	R>=720m, K>=100, SSD>=215m	CI 1.24/1.26 TD 9/93
Alves to Lhanbryde	D105	66,140	66,250	110	JA/Combination of Relaxations	JA + Hor + SSD	One Step, One Step	R=600m, SSD=196.8m	R>=720m, SSD>=215m	CI 1.24/1.26 TD 9/93
Alves to Lhanbryde	D106	66,250	66,290	40	JA/Combination of Relaxations	JA + Hor + SSD + SSD reverse	One Step, One Step, One Step	R=600m, SSD=199.8m, SSD=171.6m	R>=720m, SSD>=215m	CI 1.24/1.26 TD 9/93
Alves to Lhanbryde	D107	66,290	66,350	60	JA/Combination of Relaxations	JA + Hor + SSD + SSD reverse	One Step, One Step, Two Step	R=600m, SSD=192m, SSD=154.2m	R>=720m, SSD>=215m	CI 1.24/1.26 TD 9/93
Alves to Lhanbryde	D108	66,350	66,420	70	JA/Combination of Relaxations	JA + Hor + Ver + SSD + SSD reverse	One Step, One Step, One Step, One Step	R=600m, K=97.138, SSD=193.5m, SSD=160.9m	R>=720m, K>=100, SSD>=215m	CI 1.24/1.26 TD 9/93
Alves to Lhanbryde	D109	66,420	66,470	50	JA/Combination of Relaxations	JA + Hor + Ver + SSD reverse	One Step, One Step, One Step	R=600m, K=97.138, SSD=165.8m	R>=720m, K>=100, SSD>=215m	CI 1.24/1.26 TD 9/93
Alves to Lhanbryde	D110	66,470	66,550	80	JA/Combination of Relaxations	JA + Hor + Ver + SSD + SSD reverse	One Step, One Step, One Step, Two Step	R=600m, K=97.138, SSD=206.5m, SSD=150.4m	R>=720m, K>=100, SSD>=215m	CI 1.24/1.26 TD 9/93
Alves to Lhanbryde	D111	66,550	66,590	40	JA/Combination of Relaxations	JA + Hor + Ver + SSD reverse	One Step, One Step, Two Step	R=600m, K=97.138, SSD=150.2m	R>=720m, K>=100, SSD>=215m	CI 1.24/1.26 TD 9/93
Alves to Lhanbryde	D112	66,590	66,630	40	JA/Combination of Relaxations	JA + Ver + SSD reverse	One Step, Two Step	K=97.138, SSD=153m,	K>=100, SSD>=215m	CI 1.24/1.26 TD 9/93
Alves to Lhanbryde	D113	66,630	66,700	70	JA/Combination of Relaxations	JA + Ver + SSD + SSD reverse	One Step, One Step, One Step	K=97.138, SSD=184.9m SSD=166.8m	K>=100, SSD>=215m	CI 1.24/1.26 TD 9/93
Alves to Lhanbryde	D114	66,700	66,730	30	JA/Combination of Relaxations	JA + Ver + SSD	Two Step, One Step	K=97.138, SSD=185.7m	K>=26, SSD>=215m	CI 1.24/1.26 TD 9/93
Alves to Lhanbryde	D115	66,730	66,760	30	JA/Combination of Relaxations	JA + Hor + Ver	One Step, One Step	R=600m, K=97.138,	R>=720m, K>=100	CI 1.24/1.26 TD 9/93
Alves to Lhanbryde	D116	66,770	66,800	30	JA/Combination of Relaxations	JA + Hor + SSD reverse	One Step, One Step	R=600m, SSD=213.6m	R>=720m, SSD>=215m	CI 1.24/1.26 TD 9/93
Lhanbryde to west of Keith	D117	67,420	67,450	30	Combination of Relaxations	Hor + SSD reverse	One Step, Two Step	R=600m, SSD=156.7m	R>=720m, SSD>=215m	CI 1.24 TD 9/93
Lhanbryde to west of Keith	D118	67,640	67,720	80	Junction Approach	JA + SSD	One Step	SSD=160.7m	SSD>=215m	CI 1.26 TD 9/93
Lhanbryde to west of Keith	D119	67,720	67,740	20	Junction Approach	JA + SSD	Two Step	SSD=152.5m	SSD>=215m	CI 1.26 TD 9/93
Lhanbryde to west of Keith	D120	67,740	67,910	170	JA/Combination of Relaxations	JA + Hor + SSD	One Step, Two Step	R=600m, SSD=151.7m	R>=720m, SSD>=215m	CI 1.24/1.26 TD 9/93
Lhanbryde to west of Keith	D121	67,910	67,920	10	JA/Combination of Relaxations	JA + Hor + SSD	One Step, One Step	R=600m, SSD=163.2m	R>=720m, SSD>=215m	CI 1.24/1.26 TD 9/93
Lhanbryde to west of Keith	D122	67,960	68,060	100	JA/Combination of Relaxations	JA + Hor + SSD reverse	One Step, One Step	R=600m, SSD=192.4m	R>=720m, SSD>=215m	CI 1.24/1.26 TD 9/93
Lhanbryde to west of Keith	D123	68,060	68,120	60	Junction Approach	JA + SSD reverse	One Step	SSD=198.9m	SSD>=215m	CI 1.26 TD 9/93
Lhanbryde to west of Keith	D124	76,530	76,560	30	Combination of Relaxations	Hor + SSD	One Step, Two Step	R=510m, SSD=149.2m	R>=720m, SSD>=215m	CI 1.24 TD 9/93
Lhanbryde to west of Keith	D125	76,980	77,140	160	Combination of Relaxations	Hor + SSD	One Step, Two Step	R=650m, SSD=158.6m	R>=720m, SSD>=215m	CI 1.24 TD 9/93
Lhanbryde to west of Keith	D126	77,480	77,570	90	Junction Approach	JA + SSD	One Step	SSD=175.2	SSD>=215m	CI 1.26 TD 9/93
Lhanbryde to west of Keith	D127	77,570	77,660	90	JA/Combination of Relaxations	JA + Hor + SSD	Two Step, One Step	R=500m, SSD=174.8m	R>=720m, SSD>=215m	CI 1.24/1.26 TD 9/93
Lhanbryde to west of Keith	D128	77,660	77,720	60	JA/Combination of Relaxations	JA + Hor + SSD	Two Step, One Step	R=500m, SSD=175m	R>=720m, SSD>=215m	CI 1.24/1.26 TD 9/93
Lhanbryde to west of Keith	D129	77,720	77,840	120	JA/Combination of Relaxations	JA + Hor + SSD reverse	Two Step, Two Step	R=500m, SSD=136.6m	R>=720m, SSD>=215m	CI 1.24/1.26 TD 9/93
Lhanbryde to										

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Section	Departure No.	Chainage (m)		Length (m)	Departure Category	Departure Type	Standard Provided	Standard Required	DMRB Reference	
		Start	End							
West of Keith to west of Huntly	D164	82,210	82,250	40	JA/Combination of Relaxations	JA + Hor + SSD + SSD reverse	Three Step, Three Step, Two Step	R=150m, SSD=75.1m, SSD=121.3m	R>=720m, SSD>=215m	CI 1.24/1.26 TD 9/93
West of Keith to west of Huntly	D165	82,250	82,280	30	JA/Combination of Relaxations	JA + Hor + SSD + SSD reverse	Three Step, One Step, One Step	R=150m, SSD=183.6m, SSD=166.6m	R>=720m, SSD>=215m	CI 1.24/1.26 TD 9/93
West of Keith to west of Huntly	D166	82,280	82,300	20	JA/Combination of Relaxations	JA + Hor + SSD + SSD reverse	Three Step, One Step, Three Step	R=150m, SSD=163m, SSD=99m	R>=720m, SSD>=215m	CI 1.24/1.26 TD 9/93
West of Keith to west of Huntly	D167	82,300	82,350	50	JA/Combination of Relaxations	JA + SSD + SSD reverse	Two Step, Three Step	SSD=126.9m, SSD=96.7m	SSD>=215m	CI 1.24/1.26 TD 9/93
West of Keith to west of Huntly	D168	82,350	82,390	40	JA/Combination of Relaxations	JA + SSD + SSD reverse	Two Step, Two Step	SSD=124.6m, SSD=122.1m	SSD>=215m	CI 1.24/1.26 TD 9/93
West of Keith to west of Huntly	D169	82,390	82,400	10	JA/Combination of Relaxations	JA + Hor + SSD + SSD reverse	Three Step, Two Step, Two Step	R=150m, SSD=142.9m, SSD=155.5m	R>=720m, SSD>=215m	CI 1.24/1.26 TD 9/93
West of Keith to west of Huntly	D170	82,400	82,440	40	JA/Combination of Relaxations	JA + Hor + SSD + SSD reverse	Four Step, Two Step, One Step	R=150m, SSD=126m, SSD=179m	R>=720m, SSD>=215m	CI 1.24/1.26 TD 9/93
West of Keith to west of Huntly	D171	82,440	82,460	20	JA/Combination of Relaxations	JA + SSD + SSD reverse	Four Step, Three Step, Four Step	R=150m, SSD=106m, SSD=76.1m	R>=720m, SSD>=215m	CI 1.24/1.26 TD 9/93
West of Keith to west of Huntly	D172	82,460	82,620	160	JA/Combination of Relaxations	JA + Hor + SSD reverse	Four Step, Four Step	R=150m, SSD=76.3m	R>=720m, SSD>=215m	CI 1.24/1.26 TD 9/93
West of Keith to west of Huntly	D173	82,650	82,700	50	Junction Approach	JA + Hor	One Step	R=510m	R>=720	CI 1.24/1.26 TD 9/93
West of Keith to west of Huntly	D174	86,985	87,000	15	Forward Visibility	Stopping Sight Distance	Two Step	SSD=135m	SSD>=215m	CI 2.8 TD 9/93
West of Keith to west of Huntly	D175	87,000	87,195	195	Combination of Relaxations	Hor + SSD	Two Step, Two Step	R=475m, SSD=135m	R>=720m, K>=100, SSD>=215m	CI 1.24 TD 9/93
West of Keith to west of Huntly	D176	87,210	87,400	190	Combination of Relaxations	Hor + SSD	Two Step, One Step	R=475m, SSD=165m	R>=720m, SSD>=215m	CI 2.8 TD 9/93
West of Keith to west of Huntly	D177	87,210	87,210	15	Combination of Relaxations	Hor + SSD + SSD Reverse	Two Step, One Step, Two Step	R=475m, SSD=172.3m, R=143.8m	R>=720m, SSD>=215m	CI 1.24 TD 9/93
West of Keith to west of Huntly	D178	87,365	87,405	40	Forward Visibility	Stopping Sight Distance	Two Step	SSD=145m	SSD>=215m	CI 2.8 TD 9/93
West of Keith to west of Huntly	D179	87,410	87,460	50	Combination of Relaxations	Hor + SSD	Three Step, Two Step	R=350m, SSD=148m	R>=720m, SSD>=215m	CI 2.8 TD 9/93
West of Keith to west of Huntly	D180	87,460	87,490	30	Horizontal Geometry	Hor	Three Step	R=350m	R>=720m	CI 2.8 TD 9/93
West of Keith to west of Huntly	D181	87,490	87,550	60	Combination of Relaxations	Hor + SSD Reverse	Three Step, Three Step	R=350m, SSD=101.1m	R>=720m, SSD>=215m	CI 2.8 TD 9/93
West of Keith to west of Huntly	D182	87,555	87,630	75	Reverse Visibility	Stopping Sight Distance	Two Step	SSD=126m	SSD>=215m	CI 2.8 TD 9/93
West of Keith to west of Huntly	D183	87,800	87,865	65	Combination of Relaxations	Hor + SSD	One Step, One Step	R=510m, SSD=167m	R>=720m, SSD>=215m	CI 2.8 TD 9/93
West of Keith to west of Huntly	D184	87,865	87,900	35	Combination of Relaxations	Hor + SSD	Two Step, Two Step	R=500m, SSD=132m	R>=720m, SSD>=215m	CI 2.8 TD 9/93
West of Keith to west of Huntly	D185	87,900	87,940	40	Combination of Relaxations	Hor + SSD + SSD Reverse	One Step, Two Step, Two Step	R=510m, SSD=132, SSD=122.1m	R>=720m, SSD>=215m	CI 1.24 TD 9/93
West of Keith to west of Huntly	D186	87,940	87,950	10	Combination of Relaxations	Hor + Ver + SSD + SSD reverse	One Step, Two Step, Two Step, Two Step	R=510m, K=30, SSD=140m, SSD=140m	R>=720m, K>=100, SSD>=215m	CI 1.24 TD 9/93
West of Keith to west of Huntly	D187	87,955	88,025	70	Combination of Relaxations	Ver + SSD reverse	Two Step, Two Step	K=30, SSD=122.1m	K>=100, SSD>=215m	CI 1.24 TD 9/93
West of Keith to west of Huntly	D188	88,030	88,040	10	Combination of Relaxations	Ver + SSD reverse	Two Step, One Step	K=30, SSD=161.1m	K>=100, SSD>=215m	CI 1.24 TD 9/93
West of Keith to west of Huntly	D189	88,340	88,440	100	Combination of Relaxations	Hor + SSD Reverse	One Step, Two Step	R=510m, SSD=140.6m	R>=720m, SSD>=215m	CI 2.8 TD 9/93
West of Keith to west of Huntly	D190	88,490	88,535	45	Combination of Relaxations	Ver + SSD + SSD reverse	One Step, Two Step, One Step(R)	K=79.651, SSD=160.7m, SSD=149.6m	K>=100, SSD>=215m	CI 1.24 TD 9/93
West of Keith to west of Huntly	D191	88,535	88,560	25	Combination of Relaxations	Hor + Ver + SSD + SSD reverse	One Step, One Step, One Step, One Step	R=510m, K=79.651, SSD=164.7, SSD=181.7	R>=720m, K>=100, SSD>=215m	CI 1.24 TD 9/93
West of Keith to west of Huntly	D192	88,560	88,570	10	Combination of Relaxations	Hor + Ver + SSD	One Step, One Step, One Step	R=510m, K=79.651, SSD=164.7	R>=720m, K>=100, SSD>=215m	CI 1.24 TD 9/93
West of Keith to west of Huntly	D193	88,570	88,630	60	Combination of Relaxations	Hor + Ver	One Step One Step	R=510m, K=79.651	R>=720m, K>=100	CI 1.24 TD 9/93
West of Keith to west of Huntly	D194	88,650	88,660	10	Combination of Relaxations	Ver + SSD	One Step One Step	K=79.651, SSD=177.9m	K>=100, SSD>=215m	CI 1.24 TD 9/93
West of Keith to west of Huntly	D195	88,660	88,740	80	Combination of Relaxations	Ver + SSD + SSD reverse	One Step One Step, One Step	K=79.651, SSD=177.9m, SSD=193.9m	K>=100, SSD>=215m	CI 1.24 TD 9/93
West of Keith to west of Huntly	D196	88,805	88,825	20	Combination of Relaxations	Ver + SSD reverse	One Step, One Step	K=20, SSD=169.5m	K>=26, SSD>=215m	CI 1.24 TD 9/93
West of Keith to west of Huntly	D197	88,850	88,880	30	Combination of Relaxations	Hor + SSD reverse	One Step, Two Step	R=510m, SSD=140.8m	R>=720m, SSD>=215m	CI 1.24 TD 9/93
West of Keith to west of Huntly	D198	89,210	89,310	100	Combination of Relaxations	Hor + SSD	Two Step, One Step	R=475m, SSD=168.3m	R>=720m, SSD>=215m	CI 1.24 TD 9/93
West of Keith to west of Huntly	D199	89,310	89,450	140	Combination of Relaxations	Hor + SSD + SSD Reverse	Two Step, One Step, Two Step	R=475m, SSD=168.3m, SSD=135.5m	R>=720m, SSD>=215m	CI 1.24 TD 9/93
West of Keith to west of Huntly	D200	89,450	89,510	60	Reverse Visibility	SSD Reverse	Two Step	SSD=135.5m	SSD>=215m	CI 2.8 TD 9/93
West of Keith to west of Huntly	D201	89,770	89,830	60	Junction Approach	JA + SSD	One Step	SSD=160.7m	SSD>=215m	CI 1.26 TD 9/93
West of Keith to west of Huntly	D202	89,840	89,860	20	Junction Approach	JA + SSD	Two Step	SSD=124.2m	SSD>=215m	CI 1.26 TD 9/93
West of Keith to west of Huntly	D203	89,860	89,880	20	JA/Combination of Relaxations	JA + Hor + Ver + SSD	Two Step, Two Step	R=390m, K=37, SSD=129	R>=720m, K>=100, SSD>=215m	CI 2.8 TD 9/93
West of Keith to west of Huntly	D204	89,880	89,905	25	Junction Approach	JA + SSD	Two Step	SSD=124.4m	SSD>=215m	CI 2.8 TD 9/93
West of Keith to west of Huntly	D205	89,905	90,000	95	JA/Combination of Relaxations	JA + Hor + SSD	Two Step, Two Step	R=390m, SSD=125m	R>=720m, SSD>=215m	CI 1.24/1.26 TD 9/93
West of Keith to west of Huntly	D206	90,005	90,320	315	JA/Combination of Relaxations	Hor + SSD + SSD Reverse	Two Step, Two Step, Two Step	R=390m, SSD=124m, SSD=154m	R>=720m, SSD>=215m	CI 1.24 TD 9/93
West of Keith to west of Huntly	D207	90,005	90,320	315	Combination of Relaxations	Hor + SSD + SSD Reverse	Two Step, Two Step, Two Step	R=390m, SSD=124m, SSD=154m	R>=720m, SSD>=215m	CI 1.24 TD 9/93
West of Keith to west of Huntly	D208	90,490	90,590	100	Combination of Relaxations	Hor + SSD Reverse	Two Step, One Step	R=390m, SSD=168m	R>=720m, SSD>=215m	CI 1.24 TD 9/93
West of Keith to west of Huntly	D209	91,995	92,020	25	Junction Approach	JA + Ver	One Step	K=21,285, SSD=149.8m	K>=26, SSD>=215m	CI 1.26 TD 9/94
West of Keith to west of Huntly	D210	92,060	92,220	160	Combination of Relaxations	Ver + SSD	Two Step, Two Step	K=47,522, SSD=177.9m	K>=100, SSD>=215m	CI 1.26 TD 9/94
West of Keith to west of Huntly	D211	92,220	92,330	110	Combination of Relaxations	Ver + SSD reverse	Two Step, Two Step	K=47,522, SSD=149.8	K>=100, SSD>=215m	CI 1.26 TD 9/94
West of Keith to west of Huntly	D212	93,530	93,550	20	Junction Approach	JA + SSD	One Step	SSD=196.6m	SSD>=215m	CI 1.26 TD 9/93
West of Keith to west of Huntly	D213	93,810	93,840	30	Junction Approach	JA + SSD Reverse	One Step	SSD=212.4m	SSD>=215m	CI 1.26 TD

Alignment Departures from Standard

Section	Departure No.	Chainage (m)		Length (m)	Departure Category	Departure Type	Standard Provided	Standard Required	DMRB Reference	
		Start	End							
West of Keith to west of Huntly	D247	95,870	95,880	10	Junction Approach	JA + Hor + SSD	Two Step, One Step	R=450m, SSD=166.4m	R>=720m, SSD>=215m	CI 1.24/1.26 TD 9/93
West of Keith to west of Huntly	D248	95,880	95,900	20	JA/Combination of Relaxations	JA + Hor + SSD + SSD reverse	Two Step, One Step, One Step	R=450m, SSD=166.4m, SSD=174.4m	R>=720m, SSD>=215m	CI 1.24/1.26 TD 9/93
West of Keith to west of Huntly	D249	95,900	95,920	20	JA/Combination of Relaxations	JA + SSD + SSD reverse	One Step, One Step	SSD=166.4m, SSD=174.4m	SSD>=215m	CI 1.24/1.26 TD 9/93
West of Keith to west of Huntly	D250	95,920	95,930	10	Junction Approach	JA + SSD reverse	One Step	SSD=174.4m	SSD>=215m	CI 1.26 TD 9/93
West of Keith to west of Huntly	D251	95,930	95,980	50	JA/Combination of Relaxations	JA + SSD + SSD reverse	Two Step, One Step	SSD=12.36m, SSD=174.4m	SSD>=215m	CI 1.24/1.26 TD 9/93
West of Keith to west of Huntly	D252	95,980	96,070	90	Junction Approach	JA + SSD	Two Step	SSD=12.36m	SSD>=215m	CI 1.24/1.26 TD 9/93
West of Keith to west of Huntly	D253	96,000	96,080	80	Combination of Relaxations	Hor + SSD	Three Step, Two Step	R=275m, SSD=123.6m	R>=720m, SSD>=215m	CI 1.24/1.26 TD 9/93
West of Keith to west of Huntly	D254	96,070	96,080	10	Combination of Relaxations	Hor + SSD	Three Step, One Step	R=275m, SSD=186.1m	R>=720m, SSD>=215m	CI 1.24/1.26 TD 9/93
West of Keith to west of Huntly	D255	96,080	96,100	20	Horizontal Geometry	Hor	Three Step	R=275m	R>=720m	CI 1.26 TD 9/93
West of Keith to west of Huntly	D256	96,100	96,120	20	Combination of Relaxations	Hor + SSD reverse	Three Step, One Step	R=275m, SSD=172.1m	R>=720m, SSD>=215m	CI 1.24/1.26 TD 9/93
West of Keith to west of Huntly	D257	96,120	96,170	50	Combination of Relaxations	Hor + SSD reverse	Three Step, Two Step	R=275m, SSD=147.1m	R>=720m, SSD>=215m	CI 1.24/1.26 TD 9/93
West of Huntly to east of Huntly	D258	96,660	97,010	350	Combination of Relaxations	Ver + SSD	One Step, One Step	K=55, SSD=201.9m	K>=100, SSD>=215m	CI 1.24 TD 9/93
West of Huntly to east of Huntly	D259	96,790	97,150	360	Combination of Relaxations	Ver + SSD reverse	One Step, One Step	K=55, SSD=161.1m	K>=100, SSD>=215m	CI 1.24 TD 9/93
West of Huntly to east of Huntly	D260	97,650	97,670	20	Junction Approach	JA + SSD	One Step	SSD=204.8m	SSD>=215m	CI 1.26 TD 9/93
West of Huntly to east of Huntly	D261	97,670	97,860	190	JA/Combination of Relaxations	JA + Hor + SSD	One Step, One Step	R=700m, SSD=204.8m	R>=720m, SSD>=215m	CI 1.26 TD 9/93
West of Huntly to east of Huntly	D262	97,860	98,040	180	Junction Approach	JA + Hor	One Step	R=700m	R>=720m	CI 1.26 TD 9/93
West of Huntly to east of Huntly	D263	98,080	98,140	60	Junction Approach	JA + SSD	One Step	SSD=162.4m	SSD>=215m	CI 1.26 TD 9/93
West of Huntly to east of Huntly	D264	98,140	98,210	70	Junction Approach	JA + SSD	Two Step	SSD=142.5m	SSD>=215m	CI 1.26 TD 9/93
West of Huntly to east of Huntly	D265	98,210	98,330	120	Combination of Relaxations	Hor + SSD	Two Step, Two Step	R=450m, SSD=142.5m	R>=720m, SSD>=215m	CI 1.24/1.26 TD 9/93
West of Huntly to east of Huntly	D266	98,340	98,470	130	Combination of Relaxations	Hor + SSD + SSD reverse	Two Step, One Step, One Step	R=450m, SSD=160.1m, SSD=174	R>=720m, SSD>=215m	CI 1.24/1.26 TD 9/93
West of Huntly to east of Huntly	D267	98,470	98,555	85	Stopping Sight Distance	SSD + SSD reverse	One Step, One Step	SSD=160.1m, SSD=174m	SSD>=215m	CI 1.26 TD 9/93
West of Huntly to east of Huntly	D268	98,590	98,690	100	Combination of Relaxations	Hor + SSD	Two Step, One Step	R=450m, SSD=165.3m	R>=720m, SSD>=215m	CI 1.24 TD 9/93
West of Huntly to east of Huntly	D269	98,690	98,770	80	Combination of Relaxations	Hor + SSD + SSD reverse	Two Step, Two Step, One Step	R=450m, SSD=134.3m, SSD=165.3m	R>=720m, SSD>=215m	CI 1.24 TD 9/93
West of Huntly to east of Huntly	D270	98,770	98,890	120	Combination of Relaxations	Hor + SSD reverse	Two Step, Two Step	R=450m, SSD=133.4	R>=720m, SSD>=215m	CI 1.24 TD 9/93
West of Huntly to east of Huntly	D271	99,110	99,410	300	Combination of Relaxations	Hor + SSD	Two Step, Two Step	R=450m, SSD=132.2m	R>=720m, SSD>=215m	CI 1.24 TD 9/93
West of Huntly to east of Huntly	D272	99,220	99,510	290	Combination of Relaxations	Hor + SSD reverse	Two Step, One Step	R=450m, SSD=166.2m	R>=720m, SSD>=215m	CI 1.24 TD 9/93
West of Huntly to east of Huntly	D273	100,160	100,360	200	Junction Approach	JA + SSD reverse	One Step	SSD=187m	SSD>=215m	CI 1.26 TD 9/93
West of Huntly to east of Huntly	D274	101,338	101,418	80	Combination of Relaxations	Ver + SSD reverse	Two Step, One Step	K=35.719, SSD=193.7m	K>=100, SSD>=215m	CI 1.24 TD 9/93
West of Huntly to east of Huntly	D275	101,550	101,770	220	Junction Approach	JA + SSD	One Step	SSD=196.7m	K>=100, SSD>=215m	CI 1.24 TD 9/93
West of Huntly to east of Huntly	D276	101,770	102,170	400	Junction Approach	JA + SSD	One Step	SSD=191m	SSD>=215m	CI 1.26 TD 9/93
West of Huntly to east of Huntly	D277	103,282	103,580	299	Horizontal Geometry	Hor		Band C Curve R=1799.999m	Radii between 1020m - 2880m not recommended	CI 7.25 - 7.29 TD 9/93
West of Huntly to east of Huntly	D278	104,200	104,300	100	JA/Combination of Relaxations	JA + Hor + SSD	One Step, One Step	R=700m, SSD=196.8m	R>=720m, SSD>=215m	CI 1.26 TD 9/93
West of Huntly to east of Huntly	D279	104,320	104,460	140	JA/Combination of Relaxations	Hor + SSD + SSD reverse	One Step, One Step, One Step	R=700m, SSD=211.3m, SSD=164.9m (R)	R>=720m, SSD>=215m	CI 1.26 TD 9/93
West of Huntly to east of Huntly	D280	104,450	104,700	250	JA/Combination of Relaxations	JA + Hor + SSD + SSD reverse	One Step, One Step, Two Step	R=700m, SSD=211.3m, SSD=155.9m(R)	R>=720m, SSD>=215m	CI 1.26 TD 9/93
West of Huntly to east of Huntly	D281	104,460	104,869	409	JA/Combination of Relaxations	JA + Hor + SSD reverse	One Step, Two Step	R=600m, SSD=144.3m (R)	R>=720m, SSD>=215m	CI 1.26 TD 9/93
West of Huntly to east of Huntly	D282	104,975	105,200	225	JA/Combination of Relaxations	JA + Hor + SSD + SSD reverse	One Step, Two Step	R=600m, SSD=161.8m, SSD=145m (R)	SSD>=215m	CI 1.26 TD 9/93
West of Huntly to east of Huntly	D283	105,200	105,320	120	Combination of Relaxations	Hor + SSD + SSD reverse	One Step, Two Step, One Step	R=650m, SSD=158.6m, SSD=205.5m (R)	R>=720m, SSD>=215m	CI 1.24 TD 9/93
West of Huntly to east of Huntly	D284	105,320	105,350	30	Combination of Relaxations	Hor + SSD + SSD reverse	One Step, One Step, One Step	R=650m, SSD=163.2m, SSD=201.7m(R)	R>=720m, SSD>=215m	CI 1.26 TD 9/93
West of Huntly to east of Huntly	D285	105,538	105,839	301	Horizontal Geometry	Hor		Band C Curve R=1100.000m	Radii between 1020m - 2880m not recommended	CI 7.25 - 7.29 TD 9/93
West of Huntly to east of Huntly	D286	106,061	106,127	66	JA/Combination of Relaxations	JA + Hor + Ver	Two Step	Band C Curve R=8000m (not recommended), K=40.4	Radii between 1020m - 2880m not recommended	CI 7.25 - 7.29 TD 9/93
East of Huntly to Old Rayne	D287	106,775	106,820	45	Horizontal Geometry	Hor		Band C Curve R=4000.000m	Radii between 1020m - 2880m not recommended	CI 7.25 - 7.29 TD 9/93
East of Huntly to Old Rayne	D288	106,991	107,605	614	Horizontal Geometry	Hor		R=1300m (not recommended)	Radii between 1020m - 2880m not recommended	CI 7.25 - 7.29 TD 9/93
East of Huntly to Old Rayne	D289	107,816	107,940	124	Combination of Relaxations	Hor + SSD + SSD reverse	Two Step, Two Step, One Step.	R=375m, SSD=126.5m, SSD=160m (R)	R>=720m, SSD>=215m	CI 1.24 TD 9/93
East of Huntly to Old Rayne	D290	107,940	108,100	160	Combination of Relaxations	Hor + SSD + SSD reverse	Two Step, Two Step, Two Step	R=375m, SSD=125.7m, SSD=151.5m (R)	R>=720m, SSD>=215m	CI 1.24 TD 9/93
East of Huntly to Old Rayne	D291	108,110	108,160	50	Combination of Relaxations	Hor + SSD + SSD reverse	Two Step, Two Step	R=375m, SSD=154.4m	R>=720m, SSD>=215m	CI 1.24 TD 9/93
East of Huntly to Old Rayne	D292	108,170	108,180	10	Combination of Relaxations	Hor + SSD + SSD reverse	Two Step, One Step, Two Step	R=375m, SSD=209.2m, SSD=154.4m (R)	R>=720m, SSD>=215m	CI 1.24 TD 9/93
East of Huntly to Old Rayne	D293	108,250	108,290	40	Combination of Relaxations	Hor + SSD	One Step, One Step, One Step	R=510m, SSD=176.5m, SSD=179.2m (R)	R>=720m, SSD>=215m	CI 1.24 TD 9/93
East of Huntly to Old Rayne	D294	108,350	108,580	230	Combination of Relaxations	Hor + SSD + SSD reverse	One Step, One Step, Two Step	R=510m, SSD=175m, SSD=141.8m (R)	R>=720m, SSD>=215m	CI 1.24 TD 9/93
East of Huntly to Old Rayne	D295	108,580	108,660	80	Combination of Relaxations	Hor + SSD	One Step, Two Step	R=510m, SSD=141m	R>=720m, SSD>=215m	CI 1.24 TD 9/93
East of Huntly to Old Rayne	D296	108,670	108,705	35	Combination of Relaxations	Hor + SSD + SSD reverse				

Alignment Departures from Standard

Section	Departure No.	Chainage (m)		Length (m)	Departure Category	Departure Type	Standard Provided		Standard Required	DMRB Reference
		Start	End							
East of Hunty to Old Rayne	D329	113,020	113,125	105	Horizontal Geometry	Hor	R=2880m not recommended		Radii between 1020m - 2880m not recommended	CI 7.25 - 7.29 TD 9/93
East of Hunty to Old Rayne	D330	113,240	113,310	70	Combination of Relaxations	Ver + SSD	Two Step, Two Step	K=49.959m, SSD=149.2m	K>=100, SSD>=215m	Cl. 1.24 TD 9/93
East of Hunty to Old Rayne	D331	113,370	113,380	10	Combination of Relaxations	Ver + SSD reverse	Two Step, One Step	K=49.959m, SSD=174.8m (R)	K>=100, SSD>=215m	Cl. 1.24 TD 9/93
East of Hunty to Old Rayne	D332	113,380	113,440	60	Combination of Relaxations	Ver + SSD reverse	Two Step, Two Step	K=49.959m, SSD=149.2m (R)	K>=100, SSD>=215m	Cl. 1.24 TD 9/93
East of Hunty to Old Rayne	D333	113,580	113,690	110	Combination of Relaxations	Hor + SSD	One Step, Two Step	R=510m, SSD=148.1m	R>=720m, SSD>=215m	Cl. 1.24 TD 9/93
East of Hunty to Old Rayne	D334	114,010	114,110	100	Horizontal Geometry	Hor	R=5000m (not recommended)		Radii between 1020m - 2880m not recommended	CI 7.25 - 7.29 TD 9/93
East of Hunty to Old Rayne	D335	114,401	114,974	572	Horizontal Geometry	Hor	Band C Curve R=1400.000m		Radii between 1020m - 2880m not recommended	CI 7.25 - 7.29 TD 9/93
East of Hunty to Old Rayne	D336	114,840	114,880	40	Forward Visibility	SSD	Three Step	SSD=103m	SSD>=215m	Cl. 2.8 TD 9/93
East of Hunty to Old Rayne	D337	114,895	114,910	15	Vertical	Ver	Three Step	K=18.944	K>=100, SSD>=215m	Cl. 1.24 TD 9/93
East of Hunty to Old Rayne	D338	114,910	114,965	55	Combination of Relaxations	Ver + SSD	Three Step, One Step	K=18.944, SSD=180.9	K>=100, SSD>=215m	Cl. 1.24 TD 9/93
East of Hunty to Old Rayne	D339	114,970	115,000	30	Visibility	SSD + SSD reverse	One Step, Three Step	SSD=163.2m, SSD=98.8m(R)	SSD>=215m	Cl. 1.24 TD 9/93
East of Hunty to Old Rayne	D340	115,000	115,030	30	Reverse Visibility	SSD reverse	Three Step	SSD=102.8m (R)	SSD>=215m	Cl. 2.8 TD 9/93
East of Hunty to Old Rayne	D341	115,030	115,070	40	Combination of Relaxations	Hor + SSD + SSD reverse	One Step, Two Step, Three Step	R=600m, SSD=152.3m, SSD=122.3m (R)	R>=720m, SSD>=215m	Cl. 1.24 TD 9/93
East of Hunty to Old Rayne	D342	115,070	115,080	10	Combination of Relaxations	Hor + SSD + SSD reverse	One Step, Two Step, Two Step	R=600m, SSD=144.3m, SSD=128.8m (R)	R>=720m, SSD>=215m	Cl. 1.24 TD 9/93
East of Hunty to Old Rayne	D343	115,100	115,130	30	Combination of Relaxations	Hor + SSD + SSD Reverse	One Step, Two Step, Two Step	R=600m, SSD=170m, SSD=183.6m	R>=720m, SSD>=215m	Cl. 1.24 TD 9/93
East of Hunty to Old Rayne	D344	115,690	116,040	350	JA/ Combination of Relaxations	JA + Hor + SSD + SSD reverse	One Step, One Step, One Step, Two Step	R=515m, SSD=175.6m, SSD=141.4m(R)	R>=720m, K>=100, SSD>=215m	Cl. 1.26 TD 9/93
East of Hunty to Old Rayne	D345	116,040	116,240	200	JA/ Combination of Relaxations	JA + Hor + SSD + SSD reverse	One Step, One Step, Two Step	R=515m, SSD=175.8m, SSD=141.6m(R)	R>=720m, SSD>=215m	Cl. 1.26 TD 9/93
East of Hunty to Old Rayne	D346	116,240	116,380	140	JA/ Combination of Relaxations	JA + Hor + SSD reverse	One Step, Two Step	R=515m, SSD=150m(R)	R>=720m, SSD>=215m	Cl. 1.26 TD 9/93
East of Hunty to Old Rayne	D347	116,300	116,360	60	Combination of Relaxations	Hor + SSD reverse	One Step, Two Step	R=515m, SSD=150m (R)	R>=720m, SSD>=215m	Cl. 1.26 TD 9/93
East of Hunty to Old Rayne	D348	118,095	118,315	220	Horizontal Geometry	Hor	R=2880m (not recommended)		Radii between 1020m - 2880m not recommended	CI 7.25 - 7.29 TD 9/93
East of Hunty to Old Rayne	D349	118,650	118,740	90	Combination of Relaxations	Hor + SSD	Two Step, Two Step	R=400m, SSD=127.8m	R>=720m, SSD>=215m	Cl. 1.24 TD 9/93
East of Hunty to Old Rayne	D350	118,760	118,780	20	Combination of Relaxations	Hor + SSD reverse	Two Step, One Step	R=400m, SSD=165.3m(R)	R>=720m, SSD>=215m	Cl. 1.24 TD 9/93
East of Hunty to Old Rayne	D351	118,780	118,850	70	Combination of Relaxations	Hor + SSD reverse	Two Step, One Step	R=400m, SSD=158.4m (R)	R>=720m, SSD>=215m	Cl. 1.24 TD 9/93
East of Hunty to Old Rayne	D352	119,170	119,210	40	Junction Approach	JA + SSD	One Step	SSD=161.4m	SSD>=215m	Cl. 1.26 TD 9/93
East of Hunty to Old Rayne	D353	119,210	119,250	40	Junction Approach	JA + SSD	Two Step	SSD=147.1m	SSD>=215m	Cl. 1.26 TD 9/93
East of Hunty to Old Rayne	D354	119,250	119,280	30	JA/ Combination of Relaxations	JA + Hor + SSD	One Step, Two Step	R=510m, SSD=152.3m	R>=720m, SSD>=215m	Cl. 1.26 TD 9/93
East of Hunty to Old Rayne	D355	119,280	119,290	10	JA/ Combination of Relaxations	JA + Hor + SSD	One Step, One Step	R=510m, SSD=162.8m	R>=720m, SSD>=215m	Cl. 1.26 TD 9/93
East of Hunty to Old Rayne	D356	119,390	119,460	70	Junction Approach	JA + SSD	One Step	SSD=187.2m (R)	SSD>=215m	Cl. 1.26 TD 9/93
East of Hunty to Old Rayne	D357	119,722	119,876	154	Horizontal Geometry	Hor	R=2880m (not recommended)			CI 7.25 - 7.29 TD 9/93
East of Hunty to Old Rayne	D358	120,720	120,800	80	Junction Approach	JA + SSD	One Step	SSD=161.4m	SSD>=215m	Cl. 1.26 TD 9/93
East of Hunty to Old Rayne	D359	120,800	120,830	30	Junction Approach	JA + SSD	Two Step	SSD=145.8m	SSD>=215m	Cl. 1.26 TD 9/93
East of Hunty to Old Rayne	D360	120,830	120,970	140	JA/ Combination of Relaxations	JA + Hor + SSD	One Step, Two Step	R=550m, SSD=145.8m	R>=720m, SSD>=215m	Cl. 1.26 TD 9/93
East of Hunty to Old Rayne	D361	120,970	121,015	45	JA/ Combination of Relaxations	JA + Hor + SSD + SSD reverse	One Step, Two Step, One Step	R=550m, SSD=148m, SSD=184.5m (R)	R>=720m, SSD>=215m	Cl. 1.26 TD 9/93
East of Hunty to Old Rayne	D362	121,020	121,070	50	JA/ Combination of Relaxations	JA + Hor + Ver + SSD reverse	One Step, Two Step, One Step, One Step	R=550m, K=31.62, SSD=160.7m, SSD=181.3m (R)	R>=720m, K>=100, SSD>=215m	Cl. 1.26 TD 9/93
East of Hunty to Old Rayne	D363	121,090	121,160	70	JA/ Combination of Relaxations	JA + Hor + SSD(R)	One Step, One Step	R=550m, SSD=181.3m (R)	R>=720m, SSD>=215m	Cl. 1.26 TD 9/93
East of Hunty to Old Rayne	D364	121,170	121,180	10	JA/ Combination of Relaxations	JA + Hor + SSD + SSD reverse	One Step, One Step, One Step	R=550m, SSD=212.8m, SSD=183.2m (R)	R>=720m, SSD>=215m	Cl. 1.26 TD 9/93
East of Hunty to Old Rayne	D365	121,180	121,220	40	Junction Approach	JA + SSD reverse	One Step	SSD=182.8m (R)	SSD>=215m	Cl. 1.26 TD 9/93
East of Hunty to Old Rayne	D366	121,590	121,600	10	Combination of Relaxations	Ver + SSD + SSD reverse	Two Step, Three Step, One Step	K=33.005, SSD=113.3m, SSD=214.7m (R)	K>=100, SSD>=215m	Cl. 1.24 TD 9/93
East of Hunty to Old Rayne	D367	121,610	121,640	30	Combination of Relaxations	Ver + SSD	Two Step, Three Step	K=33.009, SSD=104.2m;	K>=100, SSD>=215m	Cl. 1.24 TD 9/93
East of Hunty to Old Rayne	D368	121,640	121,660	20	Combination of Relaxations	Hor + Ver + SSD	Four Step, Two Step, Three Step	R=250m, K=33.009, SSD=112m	R>=720m, K>=55, SSD>=215m	Cl. 1.24 TD 9/93
East of Hunty to Old Rayne	D369	121,660	121,690	30	Combination of Relaxations	Horz + Ver	Four Step, Two Step	R=250m, K=33.009	K>=100, SSD>=215m	Cl. 1.24 TD 9/93
East of Hunty to Old Rayne	D370	121,690	121,710	20	Combination of Relaxations	Hor + Ver + SSD reverse	Four Step, Two Step, Two Step	R=250m, K=33.009, SSD=125.7m	K>=100, SSD>=215m	Cl. 1.24 TD 9/93
East of Hunty to Old Rayne	D371	121,710	121,720	10	Combination of Relaxations	Hor + SSD reverse	Four Step, Two Step	R=250m, SSD=128.2m (R)	R>=720m, SSD>=215m	Cl. 1.24 TD 9/93
East of Hunty to Old Rayne	D372	121,790	121,800	10	Combination of Relaxations	Ver + SSD	Two Step, Two Step	K=15.026, SSD=156.3m (R)	K>=26, SSD>=215m	Cl. 1.24 TD 9/93
East of Hunty to Old Rayne	D373	121,800	121,850	50	Combination of Relaxations	Ver + SSD	Two Step, One Step	K=15.026, SSD=163.7m	K>=26, SSD>=215m	Cl. 1.24 TD 9/93
East of Hunty to Old Rayne	D374	122,120	122,130	10	Combination of Relaxations	Hor + SSD	Two Step, One Step	R=400m, SSD=164.1m	R>=720m, SSD>=215m	Cl. 1.24 TD 9/93
East of Hunty to Old Rayne	D375	122,130	122,160	30	Combination of Relaxations	Hor + SSD	Two Step, Two Step	R=400m, SSD=150.6m	R>=720m, SSD>=215m	Cl. 1.24 TD 9/93
East of Hunty to Old Rayne	D376	122,160	122,180	20	Combination of Relaxations	Hor + Ver + SSD	Two Step, Two Step, Two Step	R=400m, K=51.277, SSD=150.6m	R>=720m, K>=55, SSD>=215m	Cl. 1.24 TD 9/93
East of Hunty to Old Rayne	D377	122,180	122,190	10	Combination of Relaxations	Hor + Ver + SSD	Two Step, Two Step, One Step	R=400m, K=51.277, SSD=161.8m	R>=720m, K>=55, SSD>=215m	Cl. 1.24 TD 9/93

Alignment Departures from Standard

Section	Departure No.	Chainage (m)		Length (m)	Departure Category	Departure Type	Standard Provided		Standard Required	DMRB Reference	
		Start	End								
Old Rayne to Kintore	D412	126,020	126,030	10	Combination of Relaxations	Hor + Ver + SSD reverse	Four Step, Two Step, Two Step	R=200m, K=20, SSD=147.5m (R)	R>=720m, K>=100, SSD>=215m	Cl. 1.26	TD 9/93
Old Rayne to Kintore	D413	126,030	126,060	30	Combination of Relaxations	Hor + Ver + SSD	Four Step, Three Step, Three Step	R=200m, K=20, SSD=94m (R)	R>=720m, K>=100, SSD>=215m	Cl. 1.24	TD 9/93
Old Rayne to Kintore	D414	126,060	126,110	50	Reverse Visibility	SSD reverse	Three Step	SSD=95.6m (R)	SSD>=215m	Cl. 2.8	TD 9/93
Old Rayne to Kintore	D415	126,234	126,556	323	Horizontal Geometry	Hor		Band C Curve R=2000.000m	Radii between 1020m - 2880m not recommended	Cl 7.25 - 7.29	TD 9/93
Old Rayne to Kintore	D416	126,641	126,750	109	Horizontal Geometry	Hor		Band C Curve R=2000.000m	Radii between 1020m - 2880m not recommended	Cl 7.25 - 7.29	TD 9/93
Old Rayne to Kintore	D417	126,890	126,940	50	Junction Approach	JA + SSD	One Step	SSD=165.3m	SSD>=215m	Cl. 1.26	TD 9/93
Old Rayne to Kintore	D418	126,940	126,990	50	Junction Approach	JA + SSD	Two Step	SSD=121.9m	SSD>=215m	Cl. 1.26	TD 9/93
Old Rayne to Kintore	D419	126,990	127,040	50	Junction Approach	JA + SSD	Three Step	SSD=91.2m	SSD>=215m	Cl. 1.26	TD 9/93
Old Rayne to Kintore	D420	127,040	127,060	20	Junction Approach	JA + SSD	Four Step	SSD=86m	SSD>=215m	Cl. 1.26	TD 9/93
Old Rayne to Kintore	D421	127,060	127,100	40	JA/ Combination of Relaxations	JA + Hor + SSD	Four Step, Four Step	R=150m, SSD=77.8m	R>=720m, SSD>=215m	Cl. 1.26/1.24	TD 9/93
Old Rayne to Kintore	D422	127,110	127,120	10	JA/ Combination of Relaxations	JA + Hor + Ver + SSD	Four Step, One Step, Three Step	R=150m, K=73.262, SSD=101.3m	R>=720m, K>=100, SSD>=215m	Cl. 1.26/1.24	TD 9/93
Old Rayne to Kintore	D423	127,120	127,140	20	JA/ Combination of Relaxations	JA + Hor + Ver + SSD + SSD reverse	Four Step, One Step, One Step, Two Step	R=150m, K=73.262, SSD=186.1m, SSD=127.6m (R)	R>=720m, K>=100, SSD>=215m	Cl. 1.26/1.24	TD 9/93
Old Rayne to Kintore	D424	127,140	127,170	30	JA/Combination of Relaxations	JA + Hor + Ver + SSD + SSD reverse	Four Step, One Step, One Step, Four Step	R=150m, K=73.262, SSD=176.7m, SSD=95.8m (R)	R>=720m, K>=100, SSD>=215m	Cl. 1.26/1.24	TD 9/93
Old Rayne to Kintore	D425	127,180	127,210	30	JA/ Combination of Relaxations	JA + Ver + SSD + SSD reverse	One Step, One Step, Three Step	K=73.262, SSD=165.1m, SSD=98.6m (R)	K>=100, SSD>=215m	Cl. 1.26/1.24	TD 9/93
Old Rayne to Kintore	D426	127,210	127,240	30	JA/ Combination of Relaxations	JA + Ver + SSD + SSD reverse	One Step, Two Step, Two Step	K=73.262, SSD=145.4m, SSD=120.4m (R)	K>=100, SSD>=215m	Cl. 1.26/1.24	TD 9/93
Old Rayne to Kintore	D427	127,240	127,260	20	JA/ Combination of Relaxations	JA + Hor + Ver + SSD + SSD reverse	One Step, One Step, Two Step, Two Step	R=510m, K=73.262, SSD=142.5m, SSD=136.9m (R)	R>=720m, K>=100, SSD>=215m	Cl. 1.26/1.24	TD 9/93
Old Rayne to Kintore	D428	127,260	127,300	40	JA/ Combination of Relaxations	JA + Hor + SSD + SSD reverse	One Step, Two Step, One Step	R=510m, SSD=144.8m, SSD=60.9m (R)	R>=720m, SSD>=215m	Cl. 1.26/1.24	TD 9/93
Old Rayne to Kintore	D429	127,300	127,320	20	JA/ Combination of Relaxations	JA + Hor + SSD + SSD reverse	One Step, One Step, One Step	R=510m, SSD=172.5m, SSD=185.9m (R)	R>=720m, SSD>=215m	Cl. 1.26/1.24	TD 9/93
Old Rayne to Kintore	D430	127,320	127,340	20	JA/ Combination of Relaxations	JA + Hor + SSD reverse	One Step, One Step	R=510m, SSD=202.7m (R)	R>=720m, SSD>=215m	Cl. 1.26/1.24	TD 9/93
Old Rayne to Kintore	D431	127,340	127,370	30	Junction Approach	JA + Hor	One Step	R=510m	R>=720m	Cl. 1.26/1.24	TD 9/93
Old Rayne to Kintore	D432	127,370	127,400	30	JA/ Combination of Relaxations	JA + Hor + SSD reverse	One Step, One Step, One Step	R=510m, SSD=179m (R)	R>=720m, SSD>=215m	Cl. 1.26/1.24	TD 9/93
Old Rayne to Kintore	D433	127,400	127,460	60	Junction Approach	JA + SSD reverse	One Step	SSD=179m (R)	SSD>=215m	Cl. 1.26	TD 9/93
Old Rayne to Kintore	D434	127,460	127,490	30	Junction Approach	JA + SSD reverse	One Step	SSD=193.5m (R)	SSD>=215m	Cl. 1.26	TD 9/93
Old Rayne to Kintore	D435	127,800	127,820	20	Combination of Relaxations	Hor + SSD	One Step, One Step	R=625m, SSD=191.4m	R>=720m, SSD>=215m	Cl. 1.26/1.24	TD 9/93
Old Rayne to Kintore	D436	127,820	127,860	40	Combination of Relaxations	Hor + SSD + SSD reverse	One Step, One Step, One Step	R=625m, SSD=170.8m, SSD=166.4m (R)	R>=720m, SSD>=215m	Cl. 1.26/1.24	TD 9/93
Old Rayne to Kintore	D437	127,860	127,910	50	Combination of Relaxations	Hor + SSD + SSD reverse	One Step, One Step, Two Step	R=625m, SSD=154.2m, SSD=165.1m (R)	R>=720m, SSD>=215m	Cl. 1.24	TD 9/93
Old Rayne to Kintore	D438	127,920	128,010	90	Combination of Relaxations	Hor + Ver + SSD reverse	One Step, Two Step, One Step	R=625m, K=45.637, SSD=164.7m (R)	R>=720m, K>=100, SSD>=215m	Cl. 1.24	TD 9/93
Old Rayne to Kintore	D439	128,010	128,030	20	Combination of Relaxations	Hor + Ver	One Step, Two Step	R=625m, K=45.637	R>=720m, K>=100, SSD>=215m	Cl. 1.24	TD 9/93
Old Rayne to Kintore	D440	128,240	128,410	170	Combination of Relaxations	Hor + SSD	One Step, One Step	R=700m, SSD=164.3m	R>=720m, SSD>=215m	Cl. 1.24	TD 9/93
Old Rayne to Kintore	D441	128,410	128,480	70	Combination of Relaxations	Hor + SSD + SSD reverse	One Step, One Step, One Step	R=700m, SSD=169.5m, SSD=204.4m (R)	R>=720m, SSD>=215m	Cl. 1.24	TD 9/93
Old Rayne to Kintore	D442	128,480	128,530	50	Combination of Relaxations	Hor + SSD reverse	One Step, One Step	R=700m, SSD=204.4m (R)	R>=720m, SSD>=215m	Cl. 1.24	TD 9/93
Old Rayne to Kintore	D443	128,530	128,560	30	Combination of Relaxations	Hor + Ver + SSD reverse	One Step, One Step, One Step	R=700m, K=59.439, SSD=204.4m(R)	R>=720m, K>=100, SSD>=215m	Cl. 1.24	TD 9/93
Old Rayne to Kintore	D444	128,560	128,600	40	Combination of Relaxations	Ver + SSD reverse	One Step, One Step	K=59.439, SSD=204.8m (R)	K>=100, SSD>=215m	Cl. 1.24	TD 9/93
Old Rayne to Kintore	D445	128,760	128,900	140	Combination of Relaxations	Hor + SSD	One Step, Two Step	R=520m, SSD=142m	R>=720m, SSD>=215m	Cl. 1.24	TD 9/93
Old Rayne to Kintore	D446	129,100	129,180	80	Combination of Relaxations	Hor + Ver + SSD	One Step, One Step, One Step	R=520m, K=70.628, SSD=178.8m	R>=720m, K>=100, SSD>=215m	Cl. 1.24	TD 9/93
Old Rayne to Kintore	D447	129,180	129,190	10	Combination of Relaxations	Hor + Ver + SSD + SSD reverse	One Step, One Step, One Step, One Step	R=520m, K=70.628, SSD=190.3m, SSD=161.1m (R)	R>=720m, K>=100, SSD>=215m	Cl. 1.24	TD 9/93
Old Rayne to Kintore	D448	129,190	129,310	120	Combination of Relaxations	Hor + Ver + SSD reverse	One Step, One Step, Two Step	R=520m, K=70.628, SSD=146.9(R)	R>=720m, K>=100, SSD>=215m	Cl. 1.24	TD 9/93
Old Rayne to Kintore	D449	129,320	129,360	40	Combination of Relaxations	Hor + SSD reverse	One Step, Two Step	R=520m, SSD=147.9m (R)	R>=720m, SSD>=215m	Cl. 1.24	TD 9/93
Old Rayne to Kintore	D450	129,610	129,630	20	Horizontal Geometry	Hor	Three Step	R=250m	R>=720m	Cl. 1.24	TD 9/93
Old Rayne to Kintore	D451	129,630	129,820	190	Combination of Relaxations	Hor + SSD	One Step, Two Step	R=510m, SSD=141.2m	R>=720m, SSD>=215m	Cl. 1.24	TD 9/93
Old Rayne to Kintore	D452	129,820	129,960	140	JA/Combination of Relaxations	Hor + SSD	One Step, Two Step	R=510m, SSD=141.2m	R>=720m, SSD>=215m	Cl. 1.24	TD 9/93
Old Rayne to Kintore	D453	129,960	129,980	20	Junction Approach	JA + Hor	One Step	R=510m	R>=720m	Cl. 1.26	TD 9/93
Old Rayne to Kintore	D454	129,980	130,080	100	Combination of Relaxations	Hor + SSD	One Step, Two Step	R=510m, SSD=141.2m	R>=720m, SSD>=215m	Cl. 1.24/1.26	TD 9/93
Old Rayne to Kintore	D455	130,080	130,120	40	Combination of Relaxations	Ver + SSD	One Step, One Step	K=87.6, SSD=165.3m	K>=100, SSD>=215m	Cl. 1.26/1.24	TD 9/93
Old Rayne to Kintore	D456	130,120	130,140	20	Combination of Relaxations	Ver + SSD	One Step, Two Step	K=87.6, SSD=141.2m	K>=100, SSD>=215m	Cl. 1.26/1.24	TD 9/93
Old Rayne to Kintore	D457	130,140	130,160	20	Combination of Relaxations	Ver + SSD reverse	One Step, One Step	K=87.6, SSD=175m	K>=100, SSD>=21		

Alignment Departures from Standard

Section	Departure No.	Chainage (m)		Length (m)	Departure Category	Departure Type	Standard Provided		Standard Required	DMRB Reference
		Start	End							
Old Rayne to Kintore	D493	139,410	139,670	260	Junction Approach	JA + SSD reverse	One Step	SSD=270m	SSD>=295m	CI 1.26 TD 9/93
Old Rayne to Kintore	D494	140,070	140,200	130	Junction Approach	JA + SSD reverse	One Step	SSD=170.1m	SSD>=295m	CI 1.26 TD 9/93
Old Rayne to Kintore	D495	139,540	140,200	660	WB Junction to Junction	Weaving Distance		Weaving Distance=660m	Weaving Distance=1km	CI 4.36 TD 22/06
Old Rayne to Kintore	D496	140,270	140,790	520	WB Junction to Junction	Weaving Distance		Weaving Distance=520m	Weaving Distance=1km	CI 4.36 TD 22/06
Old Rayne to Kintore	D497	140,780	140,870	90	Junction Approach	JA + SSD	One Step	SSD=215.9m	SSD>=295m	CI 1.26 TD 9/93
Old Rayne to Kintore	D498	140,870	140,910	40	Junction Approach	JA + SSD	Two Step	SSD=208.4m	SSD>=295m	CI 1.26 TD 9/93
Old Rayne to Kintore	D499	140,910	140,970	60	Combination of Relaxations	Ver + SSD	Two Step, Two Step	K=92,551, SSD=208.4m	K>=182, SSD>=295m	CI 1.26 TD 9/93
Old Rayne to Kintore	D500	140,970	141,170	200	Junction Approach	JA + Ver	Two Step	K=92.551	K>=182	CI 1.26 TD 9/93
Old Rayne to Kintore	D501	141,300	141,500	200	EB Junction to Junction	Weaving Distance		Weaving Distance=200m	Weaving Distance=1km	CI 4.36 TD 22/06
Old Rayne to Kintore	D502	140,830	141,400	570	WB Junction to Junction	Weaving Distance		Weaving Distance=570m	Weaving Distance=1km	CI 4.36 TD 22/06
Old Rayne to Kintore	D503	141,400	141,870	470	JA/Combination of Relaxations	JA + Hor + SSD reverse	One Step, Three Step	R=750m, SSD=148.5m	R>=1020m, SSD>=295m	CI 1.24/1.26 TD 9/93
Old Rayne to Kintore	D504	141,870	141,960	90	JA/Combination of Relaxations	JA + Hor + Ver + SSD reverse	One Step, One Step, Three Step	R=750m, K=130, SSD=148.5m	R>=1020m, K=182, SSD>=295m	CI 1.24/1.26 TD 9/93
Old Rayne to Kintore	D505	141,960	142,010	50	JA/Combination of Relaxations	JA + Hor + SSD reverse	One Step, Three Step	R=750m, SSD=148.5m	R>=1020m, SSD>=295m	CI 1.24/1.26 TD 9/93
Old Rayne to Kintore	D506	142,020	142,060	40	Junction Approach	JA + SSD reverse	Two Step	SSD=209.6m	SSD>=295m	CI 1.26/2.8 TD 9/93
Old Rayne to Kintore	D507	142,460	142,750	290	Junction Approach	JA + SSD reverse	One Step	SSD=226.9m	SSD>=295m	CI 1.24 TD 9/93
Old Rayne to Kintore	D508	143,050	143,100	50	JA/ Forward Visibility	JA + SSD	One Step	SSD=217.9m	SSD>=295m	CI 2.8 TD 9/93
Old Rayne to Kintore	D509	143,100	143,660	560	JA/Combination of Relaxations	JA + Hor + SSD	One Step, One Step	R=870m, SSD=221.7m	R>=1020m, SSD>=295m	CI 1.26 TD 9/93
Old Rayne to Kintore	D510	143,600	143,960	360	Junction Approach	JA + Hor	One Step	R=870m	R>=1020m	CI 1.26 TD 9/93
Old Rayne to Kintore	D511	143,160	143,500	340	EB Lay-by Position to Jct	Weaving Distance		Weaving Distance=340m	Weaving Distance=1km	CI 3.7 TD 69/07
Old Rayne to Kintore	D512	143,300	143,510	210	WB Lay-by Position to Jct	Weaving Distance		Weaving Distance=210m	Weaving Distance=1km	CI 3.7 TD 69/07
Old Rayne to Kintore	D513	144,630	145,070	440	EB Junction to Junction	Weaving Distance		Weaving Distance=440m	Weaving Distance=1km	CI 4.36 TD 22/06
Old Rayne to Kintore	D514	145,120	145,560	440	EB Junction to Junction	Weaving Distance		Weaving Distance=440m	Weaving Distance=1km	CI 4.36 TD 22/06
Old Rayne to Kintore	D515	145,120	145,580	460	WB Junction to Junction	Weaving Distance		Weaving Distance=460m	Weaving Distance=1km	CI 4.36 TD 22/06
Kintore to the proposed junction with AWPR	D516	146,280	146,630	350	Junction Approach	JA + SSD	One Step	SSD=218.8m	SSD>=295m	CI 1.24 TD 9/93
Kintore to the proposed junction with AWPR	D517	147,090	147,440	350	Combination of Relaxations	Ver + SSD	Two Step, Two Step	K=91.6, SSD=207.9m	K>=182, SSD>=295m	CI 1.24 TD 9/93
Kintore to the proposed junction with AWPR	D518	147,450	147,470	20	Combination of Relaxations	Ver + SSD	Two Step, One Step	K=91.6, SSD=217.9m	K>=182, SSD>=295m	CI 1.24 TD 9/93
Kintore to the proposed junction with AWPR	D519	147,280	147,630	350	Combination of Relaxations	Ver + SSD reverse	Two Step, Two Step	K=91.6, SSD=190m (R)	K>=182, SSD>=295m	CI 1.24/1.26 TD 9/93
Kintore to the proposed junction with AWPR	D520	147,740	148,110	370	EB Junction to Junction	Weaving Distance		Weaving Distance=370m	Weaving Distance=1km	CI 4.36 TD 22/06
Kintore to the proposed junction with AWPR	D521	147,840	148,110	270	WB Junction to Junction	Weaving Distance		Weaving Distance=270m	Weaving Distance=1km	CI 4.36 TD 22/06
Kintore to the proposed junction with AWPR	D522	150,390	150,470	80	Combination of Relaxations	Hor + SSD reverse	Two Step, One Step	R=575m, SSD=229.5m (R)	R>=1020m, SSD>=295m	CI 1.24 TD 9/93
Kintore to the proposed junction with AWPR	D523	150,470	150,850	380	Combination of Relaxations	Hor + SSD reverse	Two Step, Two Step	R=575m, SSD=175.3m (R)	R>=1020m, SSD>=295m	CI 1.26 TD 9/93
Kintore to the proposed junction with AWPR	D524	150,950	151,120	170	JA/Combination of Relaxations	JA + Hor + SSD	Two Step, Two Step	R=575m, SSD=168.1m	R>=1020m, SSD>=295m	CI 1.26 TD 9/93
Kintore to the proposed junction with AWPR	D525	150,950	151,020	70	Combination of Relaxations	Hor + SSD reverse	Two Step, One Step	R=575m, SSD=220.8m (R)	R>=1020m, SSD>=295m	CI 1.24 TD 9/93
Kintore to the proposed junction with AWPR	D526	151,120	151,140	20	Junction Approach	JA + SSD	One Step	SSD=225.7m	SSD>=295m	CI 1.26 TD 9/93
Kintore to the proposed junction with AWPR	D527	151,430	151,460	30	JA/Combination of Relaxations	JA + Hor + SSD	Two Step, Two Step	R=600m, SSD=209.6m	R>=1020m, SSD>=295m	CI 1.26 TD 9/93
Kintore to the proposed junction with AWPR	D528	151,490	151,620	130	Combination of Relaxations	Hor + SSD	Two Step, Two Step	R=650m, SSD=162.3m	R>=1020m, SSD>=295m	CI 1.24 TD 9/93
Kintore to the proposed junction with AWPR	D529	151,620	151,680	60	JA/Combination of Relaxations	JA + Hor + SSD	Two Step, Three Step	R=650m, SSD=143.9m	R>=1020m, SSD>=295m	CI 1.24/1.26 TD 9/93
Kintore to the proposed junction with AWPR	D530	151,680	151,780	100	JA/Combination of Relaxations	JA + Hor + Ver + SSD + SSD reverse	Two Step, Three Step, Three Step, Three Step	R=650m, K=44.5, SSD=145.1m, SSD=144.8m (R)	R>=1020m, K=182, SSD>=295m	CI 1.24/1.26 TD 9/93
Kintore to the proposed junction with AWPR	D531	151,790	152,000	210	JA/Combination of Relaxations	JA + Ver + SSD reverse	Two Step, Four Step	K=44.5, SSD=100m	K>=182, SSD>=295m	CI 1.24 & 1.26 TD 9/93
Kintore to the proposed junction with AWPR	D532	152,100	152,130	30	Junction Approach	JA + SSD reverse	Two Step	SSD=186.8m (R)	SSD>=295m	CI 1.26 TD 9/93
Kintore to the proposed junction with AWPR	D533	152,130	152,220	90	Junction Approach	JA + SSD reverse	One Step	SSD=217.6m (R)	SSD>=295m	CI 1.26 TD 9/93
Kintore to the proposed junction with AWPR	D534	152,390	152,550	160	Junction Approach	JA + SSD reverse	One Step	SSD=220m (R)	SSD>=295m	CI 1.26 TD 9/93
Kintore to the proposed junction with AWPR	D535	152,660	152,800	140	Junction Approach	JA + SSD	One Step	SSD=215.6m	SSD>=295m	CI 1.26 TD 9/93
Kintore to the proposed junction with AWPR	D536	152,800	152,850	50	JA/Combination of Relaxations	JA + Hor + SSD	One Step, Two Step	R=950m, SSD=213.6m	R>=1020m, SSD>=295m	CI 1.24/1.26 TD 9/93
Kintore to the proposed junction with AWPR	D537	152,860	153,070	210	Junction Approach	JA + Hor	One Step	R=950m	R>=1020m	CI 1.26 TD 9/93
Kintore to the proposed junction with AWPR	D538	153,310	153,420	110	JA/Combination of Relaxations	JA + Ver + SSD	One Step, One Step	K=121, SSD=240.4m	K>=182, SSD>=295m	CI 1.24/1.26 TD 9/93
Kintore to the proposed junction with AWPR	D539	153,420	153,630	210	Junction Approach	JA + Ver	One Step	K=121	K>=182	CI 1.26 TD 9/93
Kintore to the proposed junction with AWPR	D540	153,630	153,770	140	Junction Approach	JA + SSD reverse	One Step	SSD=238.7m (R)	SSD>=295m	CI 1.26 TD 9/93
Kintore to the proposed junction with AWPR	D541	153,880	154,000	120	Junction Approach	JA + Ver	One Step	K=108.7	K>=182	CI 1.26 TD 9/93
Kintore to the proposed junction with AWPR	D542	154,580	154,700	120	Junction Approach	JA + SSD + SSD reverse	One Step, One Step	SSD=250.8m, SSD=253.4m (R)	SSD>=295m	CI 1.26 TD 9/93
Kintore to the proposed junction with AWPR	D543	154,510	154,570	60	Junction Approach	JA + SSD reverse	One Step	SSD=186.8m (R)	SSD>=295m	CI 1.26 TD 9/93

Notes:

1. LiDAR survey information, providing levels at 5m intervals, and OS mapping has been utilised to review the geometric assessment of the existing A96 route. Therefore the centreline which has been modelled is a “best fit” based on this information.
2. The assessment is to a Design Speed of 100Akph for single carriageway sections and 120Akph for dual carriageway sections.
3. Where the gap between two departures is less than or equal to 100m, and the departure type is the same, the two departures have been combined into one departure.
4. Where applicable, overlapping departures have been combined.
5. Departures where the longitudinal gradient is less than 0.5% (the minimum recommended under DMRB guidelines) have been removed from the departures schedule due to the possible inaccuracies with the survey information utilised i.e. the LiDAR survey information provides level information at 5m intervals.
6. Gradients that are in excess of 8% have been considered as Departures from Standard. TD9/93 cl.4.2 states that for all-purpose roads, gradients steeper than 8% shall be considered as departures from Standard.