快速道路超高(1.5%)

表3.5.3.1 主 線 與 匝 環 道 超 高 表 (1.5%)

R		15	20	25	30	40	50	60	70	80	100	120	150	180	200	250	300	400	500	600	800	1000	1200	1500	1800	2000	2500	3000	4000	5000	6000	7000
V_d	e_{max}	超高率 容許最小值~建議值 e (%)																														
20	8	6.5~7.8	4.8~7.1	3.9~6.5	3.2~5.9	2.4~5.2	1.9~4.7	1.6~4.3	RC~3.6	RC~3.3	RC~2.7	RC~2.3	RC~1.9	NC~1.6	NC~1.5	NC																
	6	5.2~5.9	3.9~5.5	3.1~5.1	2.6~4.7	2.0~4.2	1.6~3.8	RC~3.6	RC~3.4	RC~3.2	RC~2.5	RC~2.2	RC~1.8	NC~1.6	NC~RC	NC																
	4	3.8~4.0	2.9~3.8	2.3~3.6	1.9~3.3	RC~3.0	RC~2.8	RC~2.6	RC~2.5	RC~2.4	RC~2.2	RC~2.1	RC~1.6	NC~RC	NC~RC	NC																
25	8	Rmin=20	7.8~8.0	6.2~7.7	5.2~7.3	3.9~6.5	3.1~5.8	2.6~5.3	2.2~4.9	1.9~4.5	1.6~3.9	RC~3.4	RC~2.8	RC~2.4	NC~2.2	NC~1.8	NC~1.5	NC														
	6	Rmin=20	6.0~6.0	5.1~5.9	4.2~5.6	3.2~5.1	2.5~4.7	2.1~4.3	1.8~4.0	1.6~3.8	RC~3.4	RC~3.1	RC~2.6	RC~2.3	NC~2.1	NC~1.7	NC~1.5	NC														
	4		Rmin=25	3.7~4.0	3.1~3.9	2.3~3.6	1.8~3.3	1.5~3.1	RC~2.9	RC~2.8	RC~2.5	RC~2.4	RC~2.2	RC~2.0	NC~1.8	NC~1.6	NC~RC	NC														
30	8			Rmin=30	7.6~8.0	5.7~7.5	4.5~6.9	3.8~6.3	3.2~5.8	2.8~5.5	2.3~4.8	1.9~4.3	1.5~3.6	RC~3.1	RC~2.9	RC~2.4	NC~2.0	NC~1.5	NC													
	6			Rmin=30	6.0~6.0	4.6~5.8	3.7~5.4	3.1~5.0	2.6~4.7	2.3~4.4	1.8~4.0	1.5~3.7	RC~3.2	RC~2.9	RC~2.7	RC~2.2	NC~1.9	NC~1.5	NC												
	4				Rmin=35	3.4~3.9	2.7~3.7	2.2~3.5	1.9~3.3	1.7~3.2	RC~2.9	RC~2.7	RC~2.5	RC~2.3	RC~2.2	RC~2.0	NC~1.7	NC~RC	NC												
40	8					Rmin=50	8.0~8.0	6.9~7.9	5.9~7.6	5.2~7.2	4.1~6.5	3.4~6.0	2.8~5.3	2.3~4.7	2.1~4.4	1.7~3.7	RC~3.2	RC~2.5	NC~2.1	NC~1.8	NC~RC	NC								
	6						Rmin=55	5.6~6.0	4.8~5.8	4.2~5.6	3.4~5.2	2.8~4.8	2.2~4.3	1.9~4.0	1.7~3.8	RC~3.3	RC~2.9	RC~2.4	NC~2.0	NC~1.7	NC~RC	NC								
	4						Rmin=60	3.9~4.0	3.5~4.0	3.1~3.9	2.5~3.6	2.1~3.4	1.6~3.1	RC~2.9	RC~2.8	RC~2.6	RC~2.4	RC~2.1	NC~1.8	NC~1.5	NC~RC	NC								
50	8								Rmin=80	8.0~8.0	6.6~7.8	5.5~7.4	4.4~6.7	3.7~6.1	3.3~5.7	2.6~5.0	2.2~4.4	1.7~3.5	RC~2.9	RC~2.5	NC~1.9	NC~1.6	NC~RC	NC						
	6									Rmin=90	5.4~6.0	4.5~5.7	3.6~5.3	3.0~4.9	2.7~4.7	2.2~4.2	1.8~3.8	RC~3.2	RC~2.7	RC~2.3	NC~1.8	NC~1.5	NC~RC	NC						
	4									Rmin=100	4.0~4.0	3.3~3.9	2.7~3.7	2.2~3.5	2.0~3.3	1.6~3.0	RC~2.8	RC~2.5	RC~2.3	RC~2.0	NC~1.7	NC~RC	NC~RC	NC						
60	8										Rmin=120	8.0~8.0	6.5~7.8	5.4~7.3	4.9~6.9	3.9~6.2	3.3~5.6	2.4~4.6	2.0~3.8	1.6~3.3	RC~2.6	RC~2.1	NC~1.8	NC~RC	NC~RC	NC				
	6										Rmin=140	5.3~5.9	4.5~5.7	4.0~5.5	3.2~5.0	2.7~4.6	2.0~4.0	1.6~3.4	RC~3.0	RC~2.4	RC~2.0	NC~1.7	NC~RC	NC~RC	NC					
	4										Rmin=150	4.0~4.0	3.3~3.9	3.0~3.8	2.4~3.5	2.0~3.3	1.5~2.9	RC~2.7	RC~2.5	RC~2.1	RC~1.8	NC~1.6	NC~RC	NC~RC	NC					
70	8											Rmin=170	7.6~8.0	6.8~7.8	5.5~7.3	4.6~6.6	3.4~5.6	2.7~4.8	2.3~4.2	1.7~3.3	RC~2.7	RC~2.3	NC~1.9	NC~1.6	NC~RC	NC~RC	NC			
	6											Rmin=190	5.6~6.0	4.5~5.7	3.7~5.3	2.8~4.7	2.2~4.1	1.9~3.7	RC~3.0	RC~2.5	RC~2.2	NC~1.8	NC~1.5	NC~RC	NC~RC	NC				
	4												Rmin=210	3.3~3.9	2.8~3.7	2.1~3.4	1.7~3.1	RC~2.8	RC~2.5	RC~2.2	RC~1.9	NC~1.6	NC~RC	NC~RC	NC~RC	NC				
80	8												Rmin=230	7.3~7.9	6.1~7.6	4.6~6.6	3.7~5.8	3.1~5.1	2.3~4.1	1.8~3.4	1.5~2.9	RC~2.4	RC~2.0	NC~1.8	NC~1.5	NC~RC	NC		
	6												Rmin=250	6.0~6.0	5.0~5.9	3.8~5.3	3.0~4.8	2.5~4.3	1.9~3.6	1.5~3.1	RC~2.7	RC~2.2	RC~1.9	NC~1.7	NC~RC	NC~RC	NC		
	4													Rmin=280	3.7~4.0	2.8~3.7	2.2~3.5	1.9~3.2	RC~2.8	RC~2.5	RC~2.3	RC~2.0	RC~1.7	NC~1.6	NC~RC	NC~RC	NC		
90	8													Rmin=300	8.0~8.0	6.1~7.5	4.9~6.7	4.0~6.0	3.0~4.9	2.4~4.1	2.0~3.5	1.6~2.9	RC~2.4	RC~2.2	NC~1.8	NC~1.5	NC~RC	NC	
	6														Rmin=340	5.0~5.9	4.0~5.4	3.4~5.0	2.5~4.3	2.0~3.7	1.7~3.2	RC~2.7	RC~2.3	RC~2.1	NC~1.7	NC~1.5	NC~RC	NC	
	4														Rmin=380	3.8~4.0	3.0~3.8	2.5~3.6	1.9~3.2	1.5~2.9	RC~2.6	RC~2.3	RC~2.1	RC~1.9	NC~1.6	NC~RC	NC~RC	NC	
100	8															Rmin=390	7.9~8.0	6.3~7.6	5.2~6.9	3.9~5.7	3.1~4.8	2.6~4.1	2.1~3.4	1.7~2.9	1.6~2.6	RC~2.1	RC~1.8	NC~RC	NC~RC	NC
	6																Rmin=440	5.2~5.9	4.4~5.6	3.3~4.9	2.6~4.2	2.2~3.7	1.7~3.1	RC~2.7	RC~2.5	RC~2.0	RC~1.7	NC~RC	NC~RC	NC

e = 超高率 (%)
R = 平曲線半徑 (公尺)
V_d = 設計速率 (公里 /小時)
e_{max} = 最大超高率 (%)
NC = 正常路拱(1.5%)
RC = 反向路拱(1.5%)
R_{min} = 平曲線最小半徑 (公尺)

快速道路超高(2.0%)

表3.5.3.2 主 線 與 匝 環 道 超 高 表 (2.0%)

R		15	20	25	30	40	50	60	70	80	100	120	150	180	200	250	300	400	500	600	800	1000	1200	1500	1800	2000	2500	3000	4000	5000	6000	7000
V_d	e_{max}	超高率 容許最小值-建議值 e (%)																														
20	8	6.5~7.8	4.8~7.1	3.9~6.5	3.2~5.9	2.4~5.2	RC~4.7	RC~4.3	RC~3.6	RC~3.3	RC~2.7	RC~2.3	NC~RC	NC~RC	NC~RC	NC																
	6	5.2~5.9	3.9~5.5	3.1~5.1	2.6~4.7	2.0~4.2	RC~3.8	RC~3.6	RC~3.4	RC~3.2	RC~2.5	RC~2.2	NC~RC	NC~RC	NC~RC	NC																
	4	3.8~4.0	2.9~3.8	2.3~3.6	RC~3.3	RC~3.0	RC~2.8	RC~2.6	RC~2.5	RC~2.4	RC~2.2	RC~2.1	NC~RC	NC~RC	NC~RC	NC																
25	8	Rmin=20	7.8~8.0	6.2~7.7	5.2~7.3	3.9~6.5	3.1~5.8	2.6~5.3	2.2~4.9	RC~4.5	RC~3.9	RC~3.4	RC~2.8	RC~2.4	NC~2.2	NC~RC	NC~RC	NC														
	6	Rmin=20	6.0~6.0	5.1~5.9	4.2~5.6	3.2~5.1	2.5~4.7	2.1~4.3	RC~4.0	RC~3.8	RC~3.4	RC~3.1	RC~2.6	RC~2.3	NC~2.1	NC~RC	NC~RC	NC														
	4		Rmin=25	3.7~4.0	3.1~3.9	2.3~3.6	RC~3.3	1.5~3.1	RC~2.9	RC~2.8	RC~2.5	RC~2.4	RC~2.2	RC~2.0	NC~RC	NC~RC	NC~RC	NC														
30	8			Rmin=30	7.6~8.0	5.7~7.5	4.5~6.9	3.8~6.3	3.2~5.8	2.8~5.5	2.3~4.8	RC~4.3	RC~3.6	RC~3.1	RC~2.9	RC~2.4	NC~RC	NC~RC	NC													
	6			Rmin=30	6.0~6.0	4.6~5.8	3.7~5.4	3.1~5.0	2.6~4.7	2.3~4.4	1.8~4.0	RC~3.7	RC~3.2	RC~2.9	RC~2.7	RC~2.2	NC~RC	NC~RC	NC													
	4				Rmin=35	3.4~3.9	2.7~3.7	2.2~3.5	RC~3.3	RC~3.2	RC~2.9	RC~2.7	RC~2.5	RC~2.3	RC~2.2	RC~RC	NC~RC	NC~RC	NC													
40	8					Rmin=50	8.0~8.0	6.9~7.9	5.9~7.6	5.2~7.2	4.1~6.5	3.4~6.0	2.8~5.3	2.3~4.7	2.1~4.4	RC~3.7	RC~3.2	RC~2.5	NC~2.1	NC~RC	NC~RC	NC										
	6						Rmin=55	5.6~6.0	4.8~5.8	4.2~5.6	3.4~5.2	2.8~4.8	2.2~4.3	RC~4.0	RC~3.8	RC~3.3	RC~2.9	RC~2.4	NC~RC	NC~RC	NC~RC	NC										
	4						Rmin=60	3.9~4.0	3.5~4.0	3.1~3.9	2.5~3.6	2.1~3.4	RC~3.1	RC~2.9	RC~2.8	RC~2.6	RC~2.4	RC~2.1	NC~RC	NC~RC	NC~RC	NC										
50	8							Rmin=80	8.0~8.0	6.6~7.8	5.5~7.4	4.4~6.7	3.7~6.1	3.3~5.7	2.6~5.0	2.2~4.4	RC~3.5	RC~2.9	RC~2.5	NC~RC	NC~RC	NC~RC	NC									
	6								Rmin=90	5.4~6.0	4.5~5.7	3.6~5.3	3.0~4.9	2.7~4.7	2.2~4.2	RC~3.8	RC~3.2	RC~2.7	RC~2.3	NC~RC	NC~RC	NC~RC	NC									
	4								Rmin=100	4.0~4.0	3.3~3.9	2.7~3.7	2.2~3.5	RC~3.3	RC~3.0	RC~2.8	RC~2.5	RC~2.3	RC~RC	NC~RC	NC~RC	NC~RC	NC									
60	8									Rmin=120	8.0~8.0	6.5~7.8	5.4~7.3	4.9~6.9	3.9~6.2	3.3~5.6	2.4~4.6	RC~3.8	RC~3.3	RC~2.6	RC~2.1	NC~RC	NC~RC	NC~RC	NC						
	6										Rmin=140	5.3~5.9	4.5~5.7	4.0~5.5	3.2~5.0	2.7~4.6	RC~4.0	RC~3.4	RC~3.0	RC~2.4	RC~RC	NC~RC	NC~RC	NC~RC	NC~RC	NC						
	4										Rmin=150	4.0~4.0	3.3~3.9	3.0~3.8	2.4~3.5	RC~3.3	RC~2.9	RC~2.7	RC~2.5	RC~2.1	RC~RC	NC~RC	NC~RC	NC~RC	NC~RC	NC						
70	8											Rmin=170	7.6~8.0	6.8~7.8	5.5~7.3	4.6~6.6	3.4~5.6	2.7~4.8	2.3~4.2	RC~3.3	RC~2.7	RC~2.3	NC~RC	NC~RC	NC~RC	NC~RC	NC				
	6												Rmin=190	5.6~6.0	4.5~5.7	3.7~5.3	2.8~4.7	2.2~4.1	RC~3.7	RC~3.0	RC~2.5	RC~2.2	NC~RC	NC~RC	NC~RC	NC~RC	NC~RC	NC				
	4													Rmin=210	3.3~3.9	2.8~3.7	2.1~3.4	RC~3.1	RC~2.8	RC~2.5	RC~2.2	RC~RC	NC~RC	NC~RC	NC~RC	NC~RC	NC~RC	NC				
80	8													Rmin=230	7.3~7.9	6.1~7.6	4.6~6.6	3.7~5.8	3.1~5.1	2.3~4.1	RC~3.4	RC~2.9	RC~2.4	RC~RC	NC~RC	NC~RC	NC~RC	NC~RC	NC		
	6														Rmin=250	6.0~6.0	5.0~5.9	3.8~5.3	3.0~4.8	2.5~4.3	RC~3.6	RC~3.1	RC~2.7	RC~2.2	RC~RC	NC~RC	NC~RC	NC~RC	NC~RC	NC		
	4															Rmin=280	3.7~4.0	2.8~3.7	2.2~3.5	RC~3.2	RC~2.8	RC~2.5	RC~2.3	RC~RC	RC~RC	NC~RC	NC~RC	NC~RC	NC~RC	NC		
90	8															Rmin=300	8.0~8.0	6.1~7.5	4.9~6.7	4.0~6.0	3.0~4.9	2.4~4.1	RC~3.5	RC~2.9	RC~2.4	RC~2.2	NC~RC	NC~RC	NC~RC	NC	
	6																Rmin=340	5.0~5.9	4.0~5.4	3.4~5.0	2.5~4.3	RC~3.7	RC~3.2	RC~2.7	RC~2.3	RC~2.1	NC~RC	NC~RC	NC~RC	NC~RC	NC	
	4																Rmin=380	3.8~4.0	3.0~3.8	2.5~3.6	RC~3.2	RC~2.9	RC~2.6	RC~2.3	RC~2.1	RC~RC	NC~RC	NC~RC	NC~RC	NC~RC	NC	
100	8																	Rmin=390	7.9~8.0	6.3~7.6	5.2~6.9	3.9~5.7	3.1~4.8	2.6~4.1	2.1~3.4	RC~2.9	RC~2.6	RC~2.1	RC~RC	NC~RC	NC~RC	NC
	6																		Rmin=440	5.2~5.9	4.4~5.6	3.3~4.9	2.6~4.2	2.2~3.7	RC~3.1	RC~2.7	RC~2.5	RC~RC	RC~RC	NC~RC	NC~RC	NC

e = 超高率 (%)
R = 平曲線半徑 (公尺)
V_d = 設計速率 (公里 /小時)
e_{max} = 最大超高率 (%)
NC = 正常路拱(2.0%)
RC = 反向路拱(2.0%)
R_{min} = 平曲線最小半徑 (公尺)

其他市區道路超高(1.5%)

R		15	20	25	30	40	50	60	70	80	100	120	150	180	200	250	300	400	500	600	800	1000
V_d	e_{max}	超高率 容許最小值~建議值 e（%）																				
20	8	5.8	3.4	2.0	RC	NC~RC																
	6	5.0	3.2	2.2	1.5	RC	RC	NC~RC														
	4	3.8	2.6	1.9	RC	RC	RC	NC~RC														
25	8	Rmin=20	7.7	5.4	3.9	2.0	RC	RC	NC~RC													
	6		Rmin=20	4.7	3.6	2.2	RC	RC	RC	RC	NC~RC											
	4		Rmin=25	3.6	2.9	1.9	RC	RC	RC	RC	NC~RC											
30	8			Rmin=30	7.3	4.5	2.7	1.6	RC	RC	NC~RC											
	6				Rmin=30	4.1	2.8	2.0	RC	RC	RC	NC~RC										
	4				Rmin=35	3.2	2.4	1.8	RC	RC	RC	RC	NC~RC									
40	8						Rmin=50	6.2	4.7	3.5	1.9	RC	NC~RC									
	6						Rmin=55	5.5	4.3	3.5	2.3	1.5	RC	RC	NC~RC							
	4							Rmin=60	3.4	2.8	2.0	1.5	RC	RC	RC	NC~RC						
50	8									Rmin=80	5.7	3.9	2.0	RC	RC	NC~RC						
	6									Rmin=90	5.1	3.8	2.5	1.6	RC	RC	NC~RC					
	4									Rmin=100	4.0	3.1	2.2	1.6	RC	RC	NC~RC					
60	8											Rmin=120	5.4	3.5	2.6	RC	NC~RC					
	6											Rmin=140	5.0	3.6	2.9	1.7	RC	NC~RC				
	4											Rmin=150	3.9	3.0	2.6	1.8	RC	NC~RC				
70	8												Rmin=170	7.2	5.9	3.4	1.7	NC~RC				
	6													Rmin=190	5.4	3.6	2.4	RC	NC~RC			
	4														Rmin=210	3.1	2.3	RC	NC~RC			
80	8														Rmin=230	6.7	4.4	1.5	NC~RC			
	6															Rmin=250	4.4	2.3	RC	NC~RC		
	4															Rmin=280	3.6	2.3	1.5	NC~RC		
90	8																Rmin=300	4.1	1.6	NC~RC		
	6																Rmin=340	4.3	2.6	RC	NC~RC	
	4																Rmin=380	3.6	2.5	1.8	NC~RC	
100	8																Rmin=390	7.7	4.2	1.8	NC~RC	
	6																	Rmin=440	4.6	3.0	RC	NC~RC

e = 超高率（ % ）
R = 平曲線半徑（ 公尺 ）
V_d = 設計速率（ 公里 /小時 ）
e_{max} = 最大超高率（ % ）
NC = 正常路拱(1.5 %)
RC = 反向路拱(1.5 %)
R_{min} = 平曲線最小半徑（ 公尺 ）

其他市區道路超高(2.0%)

R		15	20	25	30	40	50	60	70	80	100	120	150	180	200	250	300	400	500	600	800	1000
V_d	e_{max}	超高率　　容許最小值~建議值　　e（%）																				
20	8	5.8	3.4	2.0	RC	NC~RC																
	6	5.0	3.2	2.2	RC	RC	RC	NC~RC														
	4	3.8	2.6	RC	RC	RC	RC	NC~RC														
25	8	Rmin=20	7.7	5.4	3.9	2.0	RC	RC	NC~RC													
	6		Rmin=20	4.7	3.6	2.2	RC	RC	RC	RC	NC~RC											
	4		Rmin=25	3.6	2.9	RC	RC	RC	RC	RC	NC~RC											
30	8			Rmin=30	7.3	4.5	2.7	RC	RC	RC	NC~RC											
	6				Rmin=30	4.1	2.8	2.0	RC	RC	RC	NC~RC										
	4				Rmin=35	3.2	2.4	RC	RC	RC	RC	RC	NC~RC									
40	8						Rmin=50	6.2	4.7	3.5	RC	RC	NC~RC									
	6						Rmin=55	5.5	4.3	3.5	2.3	RC	RC	RC	NC~RC							
	4							Rmin=60	3.4	2.8	2.0	RC	RC	RC	RC	NC~RC						
50	8									Rmin=80	5.7	3.9	2.0	RC	RC	NC~RC						
	6									Rmin=90	5.1	3.8	2.5	RC	RC	RC	NC~RC					
	4									Rmin=100	4.0	3.1	2.2	RC	RC	RC	NC~RC					
60	8											Rmin=120	5.4	3.5	2.6	RC	NC~RC					
	6											Rmin=140	5.0	3.6	2.9	RC	RC	NC~RC				
	4											Rmin=150	3.9	3.0	2.6	RC	RC	NC~RC				
70	8												Rmin=170	7.2	5.9	3.4	RC	NC~RC				
	6													Rmin=190	5.4	3.6	2.4	RC	NC~RC			
	4														Rmin=210	3.1	2.3	RC	NC~RC			
80	8														Rmin=230	6.7	4.4	RC	NC~RC			
	6															Rmin=250	4.4	2.3	RC	NC~RC		
	4															Rmin=280	3.6	2.3	RC	NC~RC		
90	8																Rmin=300	4.1	RC	NC~RC		
	6																Rmin=340	4.3	2.6	RC	NC~RC	
	4																Rmin=380	3.6	2.5	RC	NC~RC	
100	8																Rmin=390	7.7	4.2	RC	NC~RC	
	6																	Rmin=440	4.6	3.0	RC	NC~RC

e　= 超高率（ % ）
R　= 平曲線半徑（ 公尺 ）
V_d = 設計速率（ 公里 /小時 ）
e_{max} = 最大超高率（ % ）
NC　= 正常路拱(2.0 %)
RC　= 反向路拱(2.0 %)
R_{min} = 平曲線最小半徑（ 公尺 ）