

STATE OF ILLINOIS
Otto Kerner, Governor

DEPARTMENT OF PUBLIC WORKS AND BUILDINGS

Division of Highways

BUREAU OF DESIGN
AND
BUREAU OF RESEARCH AND PLANNING

TRANSITIONAL APPROACHES TO CHANNELIZED INTERSECTIONS

The values contained in the tables of this pamphlet provide the data necessary for either the design or the construction layout of the 128 types of transitional approaches to channelized intersections used by the Illinois Division of Highways.



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The tables in this pamphlet have been prepared in order to speed the work of both the design engineer and the construction engineer in laying out the transitional approaches to channelized intersections. They cover all of the types of approaches included in the normal designs of The Division of Highways of the State of Illinois, and contain all of the dimensions required for the layout of the approaches, either in plan preparation or field staking. The layouts shown in Fig. 1, page 131, Fig. 2, page 136, and Fig. 3 page 139 and the governing dimensions shown in the tables on pages 132, 133, 134, 135, 137, 138 and 140 for the 128 types of approaches covered in this pamphlet were developed by the Bureau of Design of the Illinois Division of Highways in compliance with the Policy of Geometric Design of Rural Highways published by AASHO.

The tables consisting of the transverse offsets from the highway centerline for all edges of pavement or pavements, and for both edges of the median and island at 25-foot intervals measured along the centerline of highway and indicated in the tables as stations, and for all points of curvature or reverse curvature which define the edges of pavement or pavements, island, median, were determined by electronic computation. Although the longitudinal measurements are shown in the tables under the heading of stations, they are actually lineal measurements in feet from the beginning of the transition to each of the points listed. The offsets shown in the tables were computed for approaches on tangent centerline alignment, using the lengths and radii of curves for the edges of pavement, median and island that conform to the standard design policy for each type of approach listed, and are shown in the tables with accompanying layouts on pages 131 through 140 of this pamphlet.

Although the tables were developed for tangent centerline alignment, they are equally suitable for the layout of approaches having curved centerline alignment, provided that in no case shall the degree of curvature of the centerline exceed 1° -30 for 70 MPH, 2° -30 for 60 MPH, 4° -00 for 50 MPH, and 8° -00 for 40 MPH design speeds. It is noted that in cases of curved centerline alignment of radii shown for the various types of transitions on tangent centerline do not apply. In fact in such cases the edges of pavement, median and island are not true circular curves, but some form of spiral. Regardless of this fact, the transitions resulting from holding the same offsets for curved centerline as for tangent centerline will provide vehicular paths which conform within tolerable limits to the design standards.

70 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

16

Island
Width

12

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
R ₁	0.00	11.00					11.00
	25.00	11.00					11.02
L ₁	32.63	11.00					11.03
	50.00	11.02					11.06
	75.00	11.10					11.14
	100.00	11.24					11.24
	125.00	11.45					11.38
	150.00	11.73					11.55
	175.00	12.08					11.74
	200.00	12.49					11.97
	225.00	12.97					12.23
	250.00	13.52					12.51
	275.00	14.13					12.83
	300.00	14.81					13.18
	325.00	15.56					13.56
L ₂	335.76	15.90					13.73
	350.00	16.36					13.97
	375.00	17.12					14.41
	400.00	17.83					14.88
M ₁ M ₂	406.23	18.00	4.00			-2.00	15.00
	425.00	18.48	4.47			-1.62	15.38
	450.00	19.08	4.99			-1.09	15.91
	475.00	19.62	5.41			-0.53	16.47
	500.00	20.11	5.72			0.06	17.06
	525.00	20.54	5.91			0.68	17.68
I ₁ I ₂ I ₄ M ₃ R ₂	550.00	20.92	6.00	6.00		1.33	18.33
	556.23	21.00	6.00	6.00	-2.00	1.50	18.50
	575.00	21.23		6.00	-0.88	1.99	18.99
	600.00	21.50		6.00	0.47	2.58	19.58
M ₄	603.68	21.53		6.00	0.66	2.66	19.66
	625.00	21.71		6.00	1.68		20.11
	650.00	21.86		6.00	2.74		20.57
	675.00	21.96		6.00	3.65		20.97
	700.00	22.00		6.00	4.41		21.30
	L ₃	706.25	22.00		6.00	4.58	
725.00		22.00		6.00	5.02		21.57
750.00		22.00		6.00	5.49		21.78
775.00		22.00		6.00	5.80		21.91
800.00		22.00		6.00	5.97		21.99
I ₃ R ₃	715.80	22.00		6.00	6.00		22.00

Pavement 2,621 Sq. Yds.
Curb 523 Lin. Ft.
Median 197 Lin. Ft.

70 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

22

Island
Width

12

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE			
		Pavement	Median	Island	Island	Median	Pavement	
R ₁	0.00	11.00					11.00	
	25.00	11.00					11.01	
	50.00	11.00					11.05	
	75.00	11.00					11.11	
	100.00	11.00					11.19	
	125.00	11.00					11.29	
	150.00	11.00					11.42	
	175.00	11.00					11.57	
	200.00	11.00					11.75	
	225.00	11.00					11.95	
	250.00	11.00					12.17	
	275.00	11.00					12.41	
	300.00	11.00					12.68	
	325.00	11.00					12.97	
	350.00	11.00					13.29	
	L ₁	373.12	11.00					13.60
		375.00	11.00					13.63
400.00		11.04					13.99	
425.00		11.15					14.37	
450.00		11.32					14.78	
475.00		11.56					15.21	
500.00		11.88					15.67	
525.00		12.26					16.15	
550.00		12.70					16.65	
575.00		13.22					17.18	
600.00		13.80					17.72	
625.00		14.45					18.30	
650.00		15.17					18.89	
675.00	15.96					19.51		
700.00	16.82					20.15		
725.00	17.74					20.82		
L ₂ M ₁ M ₂ M ₃ R ₃	731.70	18.00	4.00			-2.00	21.00	
	750.00	18.70	4.45			-1.51	21.49	
	775.00	19.62	4.99			-0.87	22.13	
	800.00	20.49	5.41			-0.26	22.74	
	825.00	21.31	5.71			0.32	23.32	
	850.00	22.09	5.91			0.86	23.86	
	875.00	22.81	6.00			1.37	24.37	
I ₁ I ₂ I ₄	881.70	23.00	6.00	6.00	-2.00	1.50	24.50	
	900.00	23.49		6.00	-1.21	1.84	24.84	
	925.00	24.12		6.00	-0.20	2.29	25.29	
M ₄	947.99	24.66		6.00	0.66	2.66	25.66	
	950.00	24.71		6.00	0.73		25.70	
	975.00	25.24		6.00	1.59		26.07	
	1000.00	25.73		6.00	2.37		26.41	
	1025.00	26.17		6.00	3.08		26.72	
	1050.00	26.57		6.00	3.71		27.00	
	1075.00	26.91		6.00	4.26		27.24	
	1100.00	27.21		6.00	4.74		27.45	
	1125.00	27.46		6.00	5.14		27.62	
	1150.00	27.66		6.00	5.46		27.76	
	1175.00	27.82		6.00	5.71		27.87	
1200.00	27.93		6.00	5.88		27.95		
1225.00	27.99		6.00	5.98		27.99		
I ₃ R ₃	1243.89	28.00		6.00	6.00		28.00	
L ₃	1243.95	28.00		6.00	6.00		28.00	

Pavement 4,535 Sq. Yds.
Curb 728 Lin. Ft.
Median 216 Lin. Ft.

70 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

14

Island
Width

16

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE			
		Pavement	Median	Island	Island	Median	Pavement	
L ₁	0.00	11.00					11.00	
	25.00	11.01					11.00	
	50.00	11.05					11.00	
	75.00	11.10					11.00	
	100.00	11.18					11.00	
	125.00	11.29					11.00	
	150.00	11.41					11.00	
	175.00	11.56					11.00	
	200.00	11.73					11.00	
	225.00	11.93					11.00	
	250.00	12.14					11.00	
	275.00	12.38					11.00	
	300.00	12.65					11.00	
	325.00	12.93					11.00	
	350.00	13.24					11.00	
	375.00	13.57					11.00	
	400.00	13.93					11.00	
	425.00	14.31					11.00	
	R ₁	432.84	14.43					11.00
		450.00	14.71					11.01
475.00		15.13					11.08	
L ₂	500.00	15.58					11.21	
	517.47	15.90					11.34	
	525.00	16.04					11.40	
	550.00	16.51					11.65	
	575.00	16.96					11.96	
M ₁ M ₂	600.00	17.39					12.33	
	625.00	17.80					12.76	
	637.79	18.00	4.00			-2.00	13.00	
	650.00	18.19	4.19			-1.75	13.25	
	675.00	18.56	4.56			-1.21	13.79	
	700.00	18.91	4.91			-0.60	14.40	
	725.00	19.25	5.25			0.06	15.06	
I ₁ I ₂ M ₃ R ₂	750.00	19.56	5.56			0.79	15.79	
	775.00	19.86	5.86			1.58	16.58	
	787.79	20.00	6.00	6.00	-2.00	2.00	17.00	
	800.00	20.13		6.13	-1.19	2.40	17.40	
	825.00	20.39		6.39	0.36	3.18	18.18	
M ₄	850.00	20.63		6.63	1.77	3.88	18.88	
	854.19	20.67		6.67	1.99	3.99	18.99	
	875.00	20.85		6.85	3.03		19.51	
	900.00	21.05		7.05	4.15		20.07	
	925.00	21.23		7.23	5.13		20.56	
	950.00	21.39		7.39	5.96		20.98	
	975.00	21.53		7.53	6.65		21.33	
	1000.00	21.66		7.66	7.20		21.60	
	1025.00	21.76		7.76	7.61		21.80	
I ₃ R ₃	1050.00	21.85		7.85	7.87		21.94	
	1075.00	21.91		7.91	7.99		22.00	
	1083.58	21.93		7.93	8.00		22.00	
L ₃ I ₄	1100.00	21.96		7.96	8.00		22.00	
	1125.00	21.99		7.99	8.00		22.00	
	1149.94	22.00		8.00	8.00		22.00	

Pavement 3,388 Sq. Yds.
Curb 728 Lin. Ft.
Median 216 Lin. Ft.

70 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

16

Island
Width

16

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE			
		Pavement	Median	Island	Island	Median	Pavement	
L ₁	0.00	11.00					11.00	
	25.00	11.01					11.00	
	50.00	11.05					11.00	
	75.00	11.11					11.00	
	100.00	11.20					11.00	
	125.00	11.31					11.00	
	150.00	11.44					11.00	
	175.00	11.60					11.00	
	200.00	11.78					11.00	
	225.00	11.99					11.00	
	R ₁	235.32	12.09					11.00
		250.00	12.23					11.01
		275.00	12.48					11.05
		300.00	12.76					11.13
325.00		13.07					11.25	
350.00		13.40					11.40	
375.00		13.76					11.59	
400.00		14.14					11.83	
425.00		14.54					12.10	
450.00		14.97					12.41	
475.00		15.42					12.75	
500.00		15.90					13.14	
525.00		16.40					13.56	
550.00		16.93					14.02	
575.00	17.48					14.52		
L ₂ M ₁ M ₂	597.53	18.00	4.00			-2.00	15.00	
	600.00	18.06	4.04			-1.95	15.05	
	625.00	18.63	4.42			-1.37	15.63	
	650.00	19.17	4.78			-0.76	16.24	
	675.00	19.68	5.12			-0.11	16.89	
	700.00	20.16	5.44			0.58	17.58	
	725.00	20.62	5.74			1.31	18.31	
I ₁ I ₂ M ₃ R ₂	747.53	21.00	6.00	6.00	-2.00	2.00	19.00	
	750.00	21.04		6.03	-1.85	2.08	19.08	
	775.00	21.44		6.29	-0.36	2.82	19.82	
	800.00	21.81		6.54	1.01	3.50	20.50	
	M ₄	819.41	22.07		6.72	1.99	3.99	20.99
		825.00	22.15		6.76	2.26		21.13
		850.00	22.46		6.97	3.38		21.69
875.00		22.74		7.16	4.38		22.19	
900.00		22.99		7.33	5.26		22.63	
925.00		23.22		7.48	6.02		23.01	
950.00		23.42		7.61	6.65		23.32	
975.00	23.59		7.72	7.16		23.58		
1000.00	23.72		7.82	7.55		23.78		
1025.00	23.84		7.89	7.82		23.91		
1050.00	23.92		7.95	7.97		23.98		
I ₃ R ₃	1067.66	23.96		7.97	8.00		24.00	
	1075.00	23.97		7.98	8.00		24.00	
	1100.00	24.00		8.00	8.00		24.00	
L ₃ I ₄	1109.70	24.00		8.00	8.00		24.00	

Pavement 3,502 Sq. Yds.
Curb 728 Lin. Ft.
Median 222 Lin. Ft.

70 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

18

Island
Width

16

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
R ₁	0.00	11.00					11.00
L ₁	16.51	11.00					11.01
	25.00	11.00					11.02
	50.00	11.04					11.07
	75.00	11.12					11.16
	100.00	11.24					11.28
	125.00	11.41					11.43
	150.00	11.62					11.63
	175.00	11.88					11.85
	200.00	12.17					12.11
	225.00	12.51					12.41
	250.00	12.90					12.74
	275.00	13.33					13.10
	300.00	13.80					13.50
	325.00	14.32					13.93
	350.00	14.88					14.40
	375.00	15.48					14.9+1
	400.00	16.12					15.45
	425.00	16.81					16.02
	450.00	17.55					16.63
L ₂ M ₁ M ₂	464.69	18.00	4.00			-2.00	17.00
	475.00	18.32	4.16			-1.73	17.27
	500.00	19.07	4.53			-1.05	17.95
	525.00	19.77	4.89			-0.34	18.66
	550.00	20.44	5.22			0.41	19.41
	575.00	21.08	5.54			1.19	20.19
	600.00	21.67	5.83			2.00	21.00
I ₁ I ₂ M ₃ R ₂	614.69	22.00	6.00	6.00	-2.00	2.50	21.50
	625.00	22.22		6.11	-1.23	2.85	21.85
	650.00	22.74		6.37	0.50	3.63	22.63
	675.00	23.22		6.61	2.06	4.32	23.32
M ₄	683.28	23.37		6.69	2.54	4.54	23.54
	700.00	23.66		6.83	3.43		23.94
	725.00	24.07		7.03	4.62		24.48
	750.00	24.43		7.22	5.64		24.94
	775.00	24.76		7.38	6.47		25.31
	800.00	25.05		7.52	7.12		25.60
	825.00	25.30		7.65	7.59		25.82
	850.00	25.51		7.75	7.89		25.95
	875.00	25.68		7.84	8.00		26.00
I ₃ R ₃	878.13	25.70		7.85	8.00		26.00
	900.00	25.82		7.91	8.00		26.00
	925.00	25.92		7.96	8.00		26.00
	950.00	25.98		7.99	8.00		26.00
	975.00	26.00		8.00	8.00		26.00
L ₃ I ₄	976.90	26.00		8.00	8.00		26.00

Pavement 3,371 Sq. Yds.
 Curb 728 Lin. Ft.
 Median 219 Lin. Ft.

70 MPH

TYPE

 Approach
Pavement Width

22

 Divided
Pavement Width

22

 Island
Width

16

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE			
		Pavement	Median	Island	Island	Median	Pavement	
R ₁	0.00	11.00					11.00	
	25.00	11.00					11.01	
	50.00	11.00					11.06	
	75.00	11.00					11.13	
	100.00	11.00					11.23	
	125.00	11.00					11.36	
	150.00	11.00					11.52	
	175.00	11.00					11.71	
	200.00	11.00					11.93	
	225.00	11.00					12.18	
	L ₁	240.93	11.00					12.35
		250.00	11.00					14.46
		275.00	11.05					12.76
300.00		11.14					13.10	
325.00		11.29					13.46	
350.00		11.49					13.86	
375.00		11.74					14.28	
400.00		12.03					14.73	
425.00		12.39					15.21	
450.00		12.79					15.73	
475.00		13.24					16.26	
500.00		13.74					16.83	
525.00		14.30					17.43	
550.00	14.91					18.06		
575.00	15.56					18.72		
600.00	16.27					19.40		
625.00	17.03					20.12		
650.00	17.84					20.86		
M ₁ M ₂ M ₄ R ₂	654.61	18.00	4.00			-2.00	21.00	
	675.00	18.71	4.23			-1.39	21.61	
	700.00	19.62	4.53			-0.67	22.33	
	725.00	20.59	4.85			0.02	23.02	
	750.00	21.60	5.19			0.68	23.68	
	775.00	22.67	5.55			1.3	24.30	
M ₃	801.90	23.88	5.96			1.89	24.89	
L ₂ I ₁ I ₂	804.61	24.00	6.00	6.00	-2.00	2.00	25.00	
	825.00	24.90		6.30	-1.09	2.45	25.45	
	850.00	25.91		6.64	-0.04	2.98	25.98	
	875.00	26.81		6.94	0.95	3.47	26.47	
	900.00	27.59		7.20	1.87	3.94	26.94	
M ₃	903.34	27.69		7.23	2.00	4.00	27.00	
	925.00	28.27		7.42	2.73		27.37	
	950.00	28.83		7.61	3.53		27.76	
	975.00	29.29		7.76	4.26		28.13	
	1000.00	29.63		7.88	4.92		28.46	
	1025.00	29.86		7.95	5.52		28.76	
L ₃ I ₄	1050.00	29.98		7.99	6.05		29.03	
	1064.77	30.00		8.00	6.34		29.17	
	1075.00	30.00		8.00	6.52		29.26	
	1100.00	30.00		8.00	6.93		29.46	
	1125.00	30.00		8.00	7.27		29.63	
	1150.00	30.00		8.00	7.54		29.77	
	1175.00	30.00		8.00	7.75		29.88	
	1200.00	30.00		8.00	7.90		29.95	
I ₃ R ₃	1225.00	30.00		8.00	7.98		29.99	
	1243.76	30.00		8.00	8.00		30.00	

 Pavement 4,753 Sq. Yds.
 Curb 882 Lin. Ft.
 Median 249 Lin. Ft.

70 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

22

Island
Width

18

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
R ₁	0.00	11.00					11.00
	25.00	11.00					11.01
	50.00	11.00					11.06
	75.00	11.00					11.13
	100.00	11.00					11.22
	125.00	11.00					11.35
	150.00	11.00					11.50
	175.00	11.00					11.69
	200.00	11.00					11.90
	225.00	11.00					12.14
	250.00	11.00					12.40
	275.00	11.00					12.70
	300.00	11.00					13.02
	325.00	11.00					13.37
	350.00	11.00					13.75
	375.00	11.00					14.15
	L ₁	391.76	11.00				
400.00		11.01					15.05
425.00		11.10					15.54
450.00		11.31					16.06
475.00		11.64					16.61
500.00		12.08					17.18
525.00		12.63					17.79
550.00		13.30					18.42
575.00		14.09					19.08
600.00		14.99					19.76
L ₂ M ₁ M ₂	625.00	16.00					20.48
	650.00	17.13					21.00
	667.63	18.00	4.00			-2.00	21.22
	675.00	18.37	4.14			-1.78	21.99
	700.00	19.59	4.61			-1.01	22.79
	725.00	20.75	5.06			-0.21	23.62
	750.00	21.85	5.48			0.62	24.48
	775.00	22.88	5.88			1.48	25.36
I ₁ I ₂ M ₃ R ₇	800.00	23.85	6.25			2.36	26.00
	817.63	24.50	6.50	6.50	-2.50	3.00	26.27
	825.00	24.76		6.60	-1.89	3.27	27.12
	850.00	25.61		6.93	0.07	4.12	27.88
	875.00	26.40		7.23	1.84	4.88	28.57
M ₄	900.00	27.12		7.51	3.41	5.57	28.68
	904.66	27.25		7.56	3.68	5.68	29.16
	925.00	27.78		7.76	4.78		29.68
	950.00	28.38		7.99	5.96		30.11
	975.00	28.92		8.20	6.95		30.45
	1000.00	29.40		8.38	7.74		30.71
	1025.00	29.81		8.54	8.34		30.89
	1050.00	30.16		8.68	8.75		30.98
I ₃ R ₃	1075.00	30.45		8.79	8.96		31.00
	1090.17	30.60		8.85	9.00		31.00
	1100.00	30.68		8.88	9.00		31.00
	1125.00	30.85		8.94	9.00		31.00
	1150.00	30.96		8.98	9.00		31.00
L ₃ I ₄	1175.00	31.00		9.00	9.00		31.00
	1179.96	31.00		9.00	9.00		31.00

Pavement 4,347 Sq. Yds. Curb 728 Lin. Ft. Median 237 Lin. Ft.

70 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

14

Island
Width

22

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE			
		Pavement	Median	Island	Island	Median	Pavement	
R ₁	0.00	11.00					11.00	
	25.00	11.02					11.00	
	50.00	11.07					11.00	
	75.00	11.15					11.00	
	100.00	11.27					11.00	
	125.00	11.42					11.00	
	150.00	11.60					11.00	
	175.00	11.82					11.00	
	200.00	12.07					11.00	
	225.00	12.35					111.00	
	250.00	12.67					11.00	
	254.04	12.72					11.00	
	275.00	13.02					11.01	
	300.00	13.40					11.06	
	325.00	13.82					11.15	
L ₁	350.00	14.27					11.28	
	375.00	14.75					11.44	
	400.00	15.27					11.64	
	425.00	15.82					11.88	
	450.00	16.40					12.15	
	475.00	17.02					12.47	
	500.00	17.67					12.82	
	512.19	18.00	4.00			-2.00	13.00	
	525.00	18.35	4.34			-1.80	13.20	
	550.00	19.00	4.99			-1.37	13.63	
	575.00	19.61	5.61			-0.91	14.09	
	600.00	20.19	6.19			-0.41	14.59	
	625.00	20.74	6.74			0.13	15.13	
	L ₂ M ₁ M ₂	650.00	21.26	7.26			0.71	15.71
		662.19	21.50	7.50	7.50	-3.50	1.00	16.00
675.00		21.74		7.74	-3.00	1.31	16.31	
700.00		22.19		8.19	-2.05	1.90	16.90	
725.00		22.61		8.61	-1.13	2.47	17.47	
750.00		22.99		8.99	-0.24	3.02	18.02	
775.00		23.34		9.34	0.61	3.55	18.55	
I ₁ I ₂ M ₃ R ₇	800.00	23.66		9.66	1.43	4.06	19.06	
	825.00	23.94		9.94	2.22	4.55	19.55	
	850.00	24.19		10.19	2.97	5.01	20.01	
	853.97	24.23		10.22	3.09	5.09	20.09	
	875.00	24.40		10.40	3.69		20.46	
M ₄	900.00	24.59		10.59	4.37		20.88	
	925.00	24.74		10.74	5.02		21.29	
	950.00	24.85		10.85	5.64		21.67	
	975.00	24.93		10.93	6.22		22.03	
	1000.00	24.98		10.98	6.77		22.37	
	1024.38	25.00		11.00	7.27		22.69	
	1025.00	25.00		11.00	7.29		22.69	
	1050.00	25.00		11.00	7.77		22.99	
I ₃ R ₃	1075.00	25.00		11.00	8.22		23.27	
	1100.00	25.00		11.00	8.63		23.53	
	1125.00	25.00		11.00	9.02		23.77	
	1150.00	25.00		11.00	9.36		23.98	
	1175.00	25.00		11.00	9.68		24.18	
L ₃ I ₄	1200.00	25.00		11.00	9.96		24.35	
	1225.00	25.00		11.00	10.21		24.51	
	1250.00	25.00		11.00	10.42		24.64	
	1275.00	25.00		11.00	10.60		24.75	
	1300.00	25.00		11.00	10.75		24.64	
	1325.00	25.00		11.00	10.86		24.91	
	1350.00	25.00		11.00	10.94		24.96	
	1375.00	25.00		11.00	10.99		24.99	
	1396.86	25.00		11.00	11.00		25.00	

Pavement	4,251 Sq. Yds.
Curb	1,473 Lin. Ft.
Median	342 Lin. Ft.

70 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

16

Island
Width

22

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE			
		Pavement	Median	Island	Island	Median	Pavement	
L ₁	0.00	11.00					11.00	
	25.00	11.01					11.00	
	50.00	11.05					11.00	
	75.00	11.11					11.00	
	100.00	11.20					11.00	
	125.00	11.31					11.00	
	150.00	11.45					11.00	
	175.00	11.61					11.00	
	200.00	11.80					11.00	
	225.00	12.01					11.00	
R ₁	229.47	12.05					11.00	
	250.00	12.25					11.01	
	275.00	12.51					11.06	
	300.00	12.80					11.15	
	325.00	13.11					11.28	
	350.00	13.45					11.44	
	375.00	13.81					11.65	
	400.00	14.20					11.89	
	425.00	14.61					12.17	
	450.00	15.05					12.48	
M ₁ M ₂	475.00	15.51					12.84	
	500.00	16.00					13.23	
	525.00	16.51					13.66	
	550.00	17.05					14.13	
	575.00	17.61					14.64	
	591.68	18.00	4.00			-2.00	15.00	
	600.00	18.20	4.13			-1.81	15.19	
	625.00	18.81	4.55			-1.23	15.77	
	650.00	19.45	5.01			-0.61	16.39	
	675.00	20.11	5.50			0.05	17.05	
M ₃	700.00	20.80	6.03			0.75	17.75	
	725.00	21.51	6.60			1.49	18.49	
	735.88	21.83	6.86			1.82	18.82	
	L ₂ I ₁ I ₂ M ₄ R ₂	741.68	22.00	7.00	7.00	-3.00	2	19.00
		750.00	22.24		7.19	-2.55	2.26	19.26
		775.00	22.94		7.75	-1.24	3.01	20.01
		800.00	23.58		8.26	0.01	3.72	20.72
		825.00	24.17		8.73	1.19	4.39	21.39
		850.00	24.70		9.16	2.30	5.03	22.03
		875.00	25.17		9.54	3.34	5.62	22.62
M ₃		891.34	15.45		9.76	3.99	5.99	22.99
		900.00	25.59		9.87	4.32		23.18
		925.00	25.96		10.17	5.23		23.70
	950.00	26.27		10.42	6.07		24.18	
	975.00	26.53		10.62	6.85		24.63	
	1000.00	26.73		10.78	7.56		25.03	
	1025.00	26.87		10.90	8.21		25.40	
	1050.00	26.96		10.97	8.78		25.73	
	1075.00	27.00		11.00	9.29		26.02	
	L ₃ I ₄	1078.81	27.00		11.00	9.37		26.07
1100.00		27.00		11.00	9.74		26.28	
1125.00		27.00		11.00	10.11		26.49	
1150.00		27.00		11.00	10.42		26.67	
1175.00		27.00		11.00	10.67		26.81	
1200.00		27.00		1.00	10.85		26.91	
1225.00		27.00		1.00	10.96		26.97	
1250.00		27.00		11.00	11.00		27.00	
I ₃ R ₃		1253.89	27.00		11.00	11.00		27.00

Pavement 4,042 Sq. Yds. Curb 1,028 Lin. Ft. Median 300 Lin. Ft.

70 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

18

Island
Width

22

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	11.00					11.00
	25.00	11.01					11.00
R ₁	50.00	11.05					11.00
	75.00	11.11			Pavement 4,436 Sq. Yds. Curb 1,068 Lin. Ft. Median 270 Lin. Ft.		11.00
	76.10	11.12				11.00	
	100.00	11.20				11.01	
	125.00	11.31				11.05	
	150.00	11.45				11.12	
	175.00	11.61				11.22	
	200.00	11.80				11.35	
	225.00	12.01				11.50	
	250.00	12.25				11.68	
	275.00	12.51				11.89	
	300.00	12.80				12.13	
	325.00	13.11				12.40	
	350.00	13.45				12.69	
	375.00	13.81				13.02	
	400.00	14.20				13.37	
	425.00	14.61				13.75	
	450.00	15.05				14.15	
	475.00	15.51				14.59	
	500.00	16.00				15.06	
525.00	16.51			15.55			
550.00	17.05			16.07			
575.00	17.61			16.62			
M ₁ M ₂	591.68	18.00	4.00			-2.00	17.00
	600.00	18.20	4.09			-1.80	17.20
	625.00	18.81	4.38			-1.20	17.80
	650.00	19.45	4.70			-0.57	18.43
	675.00	20.11	5.03			0.10	19.10
	700.00	20.80	5.38			0.79	19.79
L ₂ I ₁ I ₂ M ₃ R ₂	725.00	21.51	5.74			1.50	20.50
	741.68	22.00	6.00	6.00	-2.00	2.00	21.00
	750.00	22.24		6.13	-1.60	2.25	21.25
	775.00	22.95		6.54	-0.42	2.97	21.97
	800.00	23.62		6.96	0.69	3.66	22.66
	825.00	24.25		7.41	1.75	4.31	23.31
I ₃	829.20	24.36		7.48	1.92	4.41	23.41
	850.00	24.84		7.85	2.75	4.92	23.92
M ₄	861.27	25.10		8.05	3.19	5.19	24.19
	875.00	25.40		8.27	3.70		24.51
	900.00	25.91		8.66	4.58		25.05
	925.00	26.38		9.02	5.41		25.56
	950.00	26.82		9.35	6.18		26.04
	975.00	27.21		9.65	6.90		26.48
	1000.00	27.57		9.91	7.56		26.88
	1025.00	27.88		10.15	8.16		27.25
	1050.00	28.16		10.36	8.70		27.58
	1075.00	28.40		10.54	9.18		27.88
	1100.00	28.59		10.69	9.61		28.14
	1125.00	28.75		10.81	9.98		28.37
	1150.00	28.87		10.90	10.29		28.57
	1175.00	28.95		10.96	10.55		28.72
L ₃ I ₄	1200.00	28.99		11.00	10.75		28.84
	1213.66	29.00		11.00	10.83		28.90
	1225.00	29.00		11.00	10.89		28.93
I ₃ R ₃	1250.00	29.00		11.00	10.97		28.98
	1274.14	29.00		11.00	11.00		29.00

70 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

22

Island
Width

22

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
R ₁	0.00	11.00					11.00
	25.00	11.00					11.01
	50.00	11.00					11.06
	75.00	11.00					11.13
	100.00	11.00					11.22
	125.00	11.00					11.35
	150.00	11.00					11.50
	175.00	11.00					11.69
	200.00	11.00					11.90
	225.00	11.00					12.14
	250.00	11.00					12.40
	253.95	11.00					12.45
	275.00	11.02					12.70
	300.00	11.09					13.02
	325.00	11.21					13.37
350.00	11.38					13.75	
375.00	11.60					14.15	
400.00	11.87					14.59	
425.00	12.20					15.05	
450.00	12.57					15.54	
475.00	13.00					16.06	
500.00	13.48					16.61	
525.00	14.00					17.18	
550.00	14.58					17.79	
575.00	15.22					18.42	
600.00	15.90					19.08	
625.00	16.63					19.76	
650.00	17.42					20.48	
M ₁ M ₂	667.63	18.00	4.00			-2.00	21.00
	675.00	18.25	4.08			-1.78	21.22
	700.00	19.14	4.37			-1.01	21.99
	725.00	20.08	4.68			-0.21	22.79
	750.00	21.07	5.01			0.62	23.62
	775.00	22.11	5.36			1.48	24.48
	800.00	23.20	5.73			2.36	25.36
L ₂ I ₁ I ₂ M ₃ R ₂	817.63	24.00	6.00	6.00	-2.00	3.00	26.00
	825.00	24.34		6.12	-1.50	3.27	26.27
	850.00	25.43		6.52	0.11	4.14	27.14
	875.00	26.45		6.95	1.62	4.95	27.95
	900.00	27.40		7.39	3.01	5.70	28.70
	925.00	28.27		7.85	4.29	6.39	29.39
	928.91	28.40		7.93	4.49	6.49	29.49
M ₄	950.00	29.07		8.34	5.46		30.01
	959.46	29.35		8.52	5.87		30.24
I ₃	975.00	29.80		8.82	6.52		30.58
	1000.00	30.45		9.27	7.46		31.09
	1025.00	31.02		9.66	8.29		31.54
	1050.00	31.53		10.00	9.01		31.93
	1075.00	31.96		10.29	9.62		32.26
	1100.00	32.31		10.53	10.12		32.53
	1125.00	32.59		10.72	10.51		32.74
	1150.00	32.80		10.87	10.78		32.88
	1175.00	32.94		10.96	10.95		32.97
	I ₅ R ₃	1199.19	33.00		11.00	11.00	
1200.00		33.00		11.00	11.00		33.00
L ₃ I ₄	1207.87	33.00		11.00	11.00		33.00

Pavement	4,534 Sq. Yds.
Curb	784 Lin. Ft.
Median	261 Lin. Ft.

70 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

14

Island
Width

12

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	12.00					12.00
	25.00	12.06					12.00
	50.00	12.22					12.00
	75.00	12.50					12.00
	100.00	12.89					12.00
R ₁	124.20	13.37					12.00
	125.00	13.39					12.00
	150.00	14.00					12.03
	175.00	14.72					12.11
	200.00	15.56					12.26
L ₂	212.11	16.00					12.34
	225.00	16.47					12.45
	250.00	17.30					12.70
M ₁ M ₂	274.22	18.00	4.00			-2.00	13.00
	275.00	18.03	4.02			-1.99	13.01
	300.00	18.63	4.63			-1.63	13.37
	325.00	19.13	5.12			-1.21	13.79
	350.00	19.51	5.51			-0.73	14.27
	375.00	19.78	5.78			-0.20	14.80
	400.00	19.95	5.95			0.38	15.38
L ₃ I ₁ I ₂ I ₄ M ₃ R ₂	424.22	20.00	6.00	6.00	-2.00	1.00	16.00
	425.00	20.00		6.00	-1.96	1.02	16.02
	450.00	20.00		6.00	-0.68	1.66	16.66
M ₄	464.22	20.00		6.00	0.00	2.00	17.00
	475.00	20.00		6.00	0.48		17.24
	500.00	20.00		6.00	1.53		17.77
	525.00	20.00		6.00	2.47		18.24
	550.00	20.00		6.00	3.30		18.65
	575.00	20.00		6.00	4.02		19.01
	600.00	20.00		6.00	4.63		19.31
	625.00	20.00		6.00	5.13		19.56
	650.00	20.00		6.00	5.51		19.76
	675.00	20.00		6.00	5.78		19.89
	700.00	20.00		6.00	5.95		19.97
I ₃ R ₃	724.24	20.00		6.00	6.00		20.00

Pavement	2,250 Sq. Yds.
Curb	604 Lin. Ft.
Median	190 Lin. Ft.

70 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

16

Island
Width

12

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	12.00					12.00
	25.00	12.03					12.00
R ₁	50.00	12.11					12.00
	52.97	12.12					12.00
	75.00	12.25					12.01
	100.00	12.44					12.07
	125.00	12.69					12.15
	150.00	13.00					12.28
	175.00	13.36					12.44
	200.00	13.78					12.64
	225.00	14.25					12.88
	250.00	14.78					13.15
	275.00	15.36					13.46
	300.00	16.00					13.81
M ₁ M ₂	325.00	16.69					14.20
	335.43	17.00					14.37
	350.00	17.42					14.62
	370.84	18.00	4.00			-2.00	15.00
	675.00	18.11	4.10			-1.92	15.08
	400.00	18.74	4.70			-1.42	15.58
I ₁ I ₂ I ₄ M ₃ R ₂	425.00	19.31	5.18			-0.89	16.11
	450.00	19.83	5.55			-0.32	16.68
	475.00	20.30	5.81			0.29	17.29
	500.00	20.70	5.96			0.93	17.93
	520.84	21.00	6.00	6.00	-2.00	1.50	18.50
	525.00	21.05		6.00	-1.74	1.61	18.61
M ₄	550.00	21.35		6.00	-0.25	2.26	19.26
	566.87	21.52		6.00	0.66	2.68	19.66
	575.00	21.59		6.00	1.07		19.84
	600.00	21.78		6.00	2.24		20.35
	625.00	21.91		6.00	3.25		20.80
	650.00	21.98		6.00	4.10		21.17
L ₃	670.86	22.00		6.00	4.69		21.43
	675.00	22.00		6.00	4.80		21.47
	700.00	22.00		6.00	5.33		21.71
	725.00	22.00		6.00	5.71		21.87
I ₃ R ₃	750.00	22.00		6.00	5.93		21.97
	772.77	22.00		6.00	6.00		22.00

Pavement 2,545 Sq. Yds. Curb 507 Lin. Ft. Median 196 Lin. Ft.
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70 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

24

Island
Width

12

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
R ₁	0.00	12.00					12.00
R ₁	25.00	12.00					12.01
	50.00	12.00					12.04
	75.00	12.00					12.10
	100.00	12.00					12.17
	125.00	12.00					12.27
	150.00	12.00					12.38
	175.00	12.00					12.52
	200.00	12.00					12.68
	225.00	12.00					12.86
	250.00	12.00					13.06
	275.00	12.00					13.28
	300.00	12.00					13.53
	325.00	12.00					13.79
	350.00	12.00					14.08
	375.00	12.00					14.39
	400.00	12.00					14.72
	425.00	12.00					15.07
	450.00	12.00					15.44
	475.00	12.00					15.83
	500.00	12.00					16.24
	525.00	12.00					16.68
L ₁	548.72	12.00					17.11
	550.00	12.00					17.14
	575.00	12.06					17.61
	600.00	12.24					18.11
	625.00	12.53					18.63
	650.00	12.94					19.17
	675.00	13.46					19.74
	700.00	14.09					20.32
	725.00	14.84					20.92
	750.00	15.70					21.55
	775.00	16.68					22.20
	800.00	17.77					22.87
L ₂ M ₁ M ₂ M ₃ R ₂	804.87	18.00	4.00			-2.00	23.00
	825.00	18.92	4.50			-1.46	23.54
	850.00	20.02	5.02			-0.82	24.18
	875.00	21.06	5.43			-0.21	24.79
	900.00	22.04	5.73			0.36	25.36
	925.00	22.97	5.92			0.90	25.90
	950.00	23.84	6.00			1.41	26.41
I ₁ I ₂ I ₄	954.87	24.00	6.00	6.00	-2.00	1.50	26.50
	975.00	24.64		6.00	-1.14	1.88	26.88
	1000.00	25.40		6.00	-0.13	2.32	27.32
M ₄	1021.15	25.99		6.00	0.66	2.66	27.66
	1025.00	26.10		6.00	0.80		27.72
	1050.00	26.74		6.00	1.65		28.10
	1075.00	27.32		6.00	2.43		28.44
	1100.00	27.84		6.00	3.13		28.74
	1125.00	28.31		6.00	3.75		29.02
	1150.00	28.72		6.00	4.30		29.26
	1175.00	29.08		6.00	4.77		29.46
	1200.00	29.37		6.00	5.16		29.63
	1225.00	29.61		6.00	5.48		29.77
	1250.00	29.79		6.00	5.73		29.88
	1275.00	29.92		6.00	5.89		29.95
	1300.00	29.99		6.00	5.98		29.99
I ₃ R ₃	1217.06	30.00		6.00	6.00		30.00
L ₃	1317.17	30.00		6.00	6.00		30.00

Pavement 5,103 Sq. Yds.
 Curb 728 Lin. Ft.
 Median 216 Lin. Ft.

70 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

14

Island
Width

16

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE			
		Pavement	Median	Island	Island	Median	Pavement	
L ₁	0.00	12.00					12.00	
	25.00	12.01					12.00	
	50.00	12.04					12.00	
	75.00	12.09					12.00	
	100.00	12.15					12.00	
	125.00	12.24					12.00	
	150.00	12.34					12.00	
	175.00	12.47					12.00	
	200.00	12.61					12.00	
	225.00	12.77					12.00	
	250.00	12.95					12.00	
	275.00	13.15					12.00	
	300.00	13.37					12.00	
	325.00	13.61					12.00	
	350.00	13.87					12.00	
	375.00	14.14					12.00	
	400.00	14.44					12.00	
	425.00	14.75					12.00	
	450.00	15.09					12.00	
	475.00	15.44					12.00	
R ₁	483.03	15.56					12.00	
	500.00	15.81					12.01	
	525.00	16.20					12.08	
	550.00	16.61					12.20	
L ₂	572.60	17.00					12.36	
	575.00	17.04					12.38	
	600.00	17.47					12.61	
	625.00	17.87					12.90	
M ₁ M ₂	633.05	18.00	4.00			-2.00	13.00	
	650.00	18.26	4.26			-1.76	13.24	
	675.00	18.63	4.63			-1.36	13.64	
	700.00	18.98	4.98			-0.91	14.09	
	725.00	19.31	5.31			-0.40	14.60	
	750.00	19.62	5.62			0.17	15.17	
	775.00	19.91	5.91			0.79	15.79	
I ₁ I ₂ M ₃ R ₂	783.05	20.00	6.00	6.00	-2.00	1.00	16.00	
	800.00	20.18		6.18	-1.26	1.44	16.44	
	825.00	20.44		6.44	-0.22	2.07	17.07	
	M ₄	843.05	20.61		6.61	0.49	2.49	17.49
		850.00	20.67		6.67	0.76		17.65
875.00		20.89		6.89	1.67		18.20	
900.00		21.08		7.08	2.52		18.71	
925.00		21.26		7.26	3.31		19.19	
950.00		21.42		7.42	4.04		19.63	
975.00		21.56		7.56	4.71		20.03	
1000.00		21.68		7.68	5.32		20.39	
1025.00		21.78		7.78	5.86		20.72	
1050.00		21.86		7.86	6.35		21.01	
1075.00		21.92		7.92	6.77		21.26	
1100.00		21.97		7.97	7.13		21.48	
1125.00		21.99		7.99	7.42		21.65	
L ₃ I ₄		1145.20	22.00		8.00	7.62		21.77
		1150.00	22.00		8.00	7.66		21.80
		1175.00	22.00		8.00	7.83		21.90
	1200.00	22.00		8.00	7.95		21.97	
	1225.00	22.00		8.00	8.00		22.00	
I ₃ R ₃	1233.08	22.00		8.00	8.00		22.00	

Pavement	3,769 Sq. Yds.
Curb	904 Lin. Ft.
Median	210 Lin. Ft.

70 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

18

Island
Width

16

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
R ₁	0.00	12.00					12.00
L ₁	12.35	12.00					12.00
	25.00	12.01					12.02
	50.00	12.06					12.08
	75.00	12.16					12.18
	100.00	12.31					12.32
	125.00	12.52					12.50
	150.00	12.77					12.72
	175.00	13.08					12.97
	200.00	13.43					13.27
	225.00	13.84					13.61
	250.00	14.30					13.99
	275.00	14.80					14.40
	300.00	15.36					14.86
	325.00	15.97					15.36
	350.00	16.63					15.90
	375.00	17.35					16.47
L ₂ M ₁ M ₂	396.51	18.00	4.00			-2.00	17.00
	400.00	18.11	4.05			-1.91	17.09
	425.00	18.87	4.43			-1.26	17.74
	450.00	19.58	4.79			-0.56	18.44
	475.00	20.26	5.13			0.18	19.18
	500.00	20.91	5.45			0.95	19.95
	525.00	21.51	5.76			1.77	20.77
I ₁ I ₂ M ₃ R ₂	546.51	22.00	6.00	6.00	-2.00	2.50	21.50
	550.00	22.08		6.04	-1.73	2.62	21.62
	575.00	22.60		6.30	0.08	3.44	22.44
	600.00	23.09		6.55	1.71	4.17	23.17
M ₄	613.90	23.35		6.68	2.54	4.54	23.54
	625.00	23.55		6.77	3.15		23.82
	650.00	23.96		6.98	4.40		24.38
	675.00	24.33		7.17	5.47		24.86
	700.00	24.67		7.34	6.34		25.25
	725.00	24.97		7.49	7.04		25.57
	750.00	25.23		7.62	7.54		25.79
	775.00	25.45		7.73	7.86		25.94
	800.00	25.64		7.82	8.00		26.00
I ₃ R ₃	805.38	25.67		7.84	8.00		26.00
	825.00	25.79		7.89	8.00		26.00
	850.00	25.89		7.95	8.00		26.00
	875.00	25.97		7.98	8.00		26.00
	900.00	26.00		8.00	8.00		26.00
L ₃ I ₄	908.72	26.00		8.00	8.00		26.00

Pavement	3,231 Sq. Yds.
Curb	726 Lin. Ft.
Median	217 Lin. Ft.

70 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

24

Island
Width

16

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
R ₁	0.00	12.00					12.00
	25.00	12.00					12.02
	50.00	12.00					12.07
	75.00	12.00					12.16
	100.00	12.00					12.28
	125.00	12.00					12.44
	150.00	12.00					12.63
	175.00	12.00					12.86
	200.00	12.00					13.12
	225.00	12.00					13.42
	250.00	12.00					13.75
	275.00	12.00					14.12
	300.00	12.00					14.53
	325.00	12.00					14.96
	350.00	12.00					15.44
	375.00	12.00					15.95
	400.00	12.00					16.49
L ₁	406.48	12.00					16.64
	425.00	12.04					17.07
	450.00	12.24					17.68
	475.00	12.58					18.33
	500.00	13.09					19.02
	525.00	13.75					19.73
	550.00	14.56					20.49
	575.00	15.53					21.28
	600.00	16.66					22.10
L ₂ M ₁ M ₂ M ₃ R ₂	625.00	17.94					22.96
	626.06	18.00	4.00			-2.00	23.00
	650.00	19.28	4.37			-1.18	23.82
	675.00	20.55	4.73			-0.36	24.64
	700.00	21.75	5.07			0.41	25.41
	725.00	22.89	5.40			1.14	26.14
	750.00	23.96	5.70			1.83	26.83
	775.00	24.96	5.99			2.47	27.47
I ₁ I ₂	776.06	25.00	6.00	6.00	-2.00	2.50	27.50
	800.00	25.89		6.26	-0.72	3.08	28.08
	825.00	26.76		6.50	0.52	3.63	28.63
	850.00	27.57		6.73	1.67	4.15	29.15
M ₄	870.51	28.17		6.91	2.54	4.54	29.54
	875.00	28.30		6.94	2.72		29.62
	900.00	28.97		7.13	3.67		30.05
	925.00	29.57		7.31	4.53		30.44
	950.00	30.11		7.46	5.30		30.78
	975.00	30.58		7.59	5.97		31.09
	1000.00	30.98		7.71	6.54		31.34
	1025.00	31.31		7.80	7.02		31.56
	1050.00	31.58		7.88	7.41		31.73
	1075.00	31.79		7.94	7.69		31.86
	1100.00	31.92		7.98	7.89		31.95
I ₃ R ₃	1125.00	31.99		8.00	7.99		31.99
	1138.29	32.00		8.00	8.00		32.00
L ₃ I ₄	1138.42	32.00		8.00	8.00		32.00

Pavement	4,573 Sq. Yds.
Curb	728 Lin. Ft.
Median	244 Lin. Ft.

70 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

16

Island
Width

18

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE			
		Pavement	Median	Island	Island	Median	Pavement	
L ₁	0.00	12.00					12.00	
	25.00	12.02					12.00	
	50.00	12.08					12.00	
	75.00	12.18					12.00	
	100.00	12.31					12.00	
	125.00	12.49					12.00	
	150.00	12.70					12.00	
	154.61	12.74					12.00	
	175.00	12.95					12.02	
	200.00	13.25					12.08	
R ₁	225.00	13.58					12.18	
	250.00	13.95					12.34	
	275.00	14.35					12.54	
	300.00	14.80					12.78	
	325.00	15.29					13.08	
	350.00	15.81					13.42	
	375.00	16.38					13.80	
	400.00	16.98					14.23	
	425.00	17.62					14.71	
	L ₂ M ₁ M ₂	439.02	18.00	4.00			-2.00	15.00
450.00		18.30	4.21			-1.76	15.24	
475.00		18.95	4.68			-1.19	15.81	
500.00		19.57	5.12			-0.58	16.42	
525.00		20.15	5.54			0.09	17.09	
550.00		20.71	5.93			0.80	17.80	
575.00		21.22	6.30			1.56	18.56	
I ₁ I ₂ M ₃ R ₂	589.02	21.50	6.30	6.50	-2.50	2.00	19.00	
	600.00	21.71		6.65	-1.83	2.35	19.35	
	625.00	22.16		6.97	-0.38	3.10	20.10	
	650.00	22.58		7.27	0.96	3.80	20.80	
	675.00	22.96		7.55	2.20	4.45	21.45	
	M ₄	686.07	23.12		7.66	2.72	4.72	21.72
		700.00	23.32		7.80	3.34		22.04
		725.00	23.63		8.02	4.37		22.58
		750.00	23.92		8.23	5.30		23.07
		775.00	24.17		8.41	6.12		23.50
800.00		24.39		8.56	6.84		23.87	
825.00		24.58		8.70	7.46		24.20	
850.00		24.73		8.80	7.97		24.46	
875.00		24.85		8.89	8.38		24.68	
900.00		24.93		8.95	8.69		24.84	
L ₃ I ₄	925.00	24.98		8.99	8.89		24.94	
	950.00	25.00		9.00	8.99		24.99	
I ₃ R ₃	961.37	25.00		9.00	9.00		25.00	

Pavement	3,174 Sq. Yds.
Curb	748 Lin. Ft.
Median	247 Lin. Ft.

70 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

24

Island
Width

18

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
R ₁	0.00	12.00					12.00
	25.00	12.00					12.02
	50.00	12.00					12.09
	75.00	12.00					12.19
	100.00	12.00					12.35
	125.00	12.00					12.54
	150.00	12.00					12.78
	175.00	12.00					13.06
	200.00	12.00					13.39
	225.00	12.00					13.75
	250.00	12.00					14.16
	275.00	12.00					14.62
	300.00	12.00					15.12
	325.00	12.00					15.66
	350.00	12.00					16.24
L ₁	358.52	12.00					16.45
	375.00	12.04					16.87
	400.00	12.25					17.54
	425.00	12.63					18.26
	450.00	13.20					19.01
	475.00	13.94					19.82
	500.00	14.86					20.66
	525.00	15.96					21.55
	550.00	17.24					22.48
L ₂ M ₁ M ₂ M ₃ R ₂	563.48	18.00	4.00			-2.00	23.00
	575.00	18.67	4.22			-1.56	23.44
	600.00	20.06	4.69			-0.62	24.38
	625.00	21.39	5.13			0.26	25.26
	650.00	22.64	5.55			1.09	26.09
	675.00	23.82	5.94			1.88	26.88
	700.00	24.93	6.31			2.62	27.62
I ₁ I ₂	713.48	25.50	6.50	6.50	-2.50	3.00	28.00
	725.00	25.97		6.66	-1.78	3.31	28.31
	750.00	26.94		6.98	-0.30	3.96	28.96
	775.00	27.83		7.28	1.08	4.55	29.55
	800.00	28.65		7.55	2.34	5.10	30.10
	825.00	29.41		7.80	3.49	5.60	30.60
	850.00	29.53		7.84	3.69	5.69	30.69
M ₄	850.00	30.09		8.03	4.54		31.06
	875.00	30.70		8.23	5.47		31.46
	900.00	31.23		8.41	6.30		31.82
	925.00	31.70		8.57	7.01		32.13
	950.00	32.10		8.70	7.62		32.40
	975.00	32.42		8.81	8.11		32.61
	1000.00	32.67		8.89	8.50		32.78
	1025.00	32.85		8.95	8.77		32.90
	1050.00	32.96		8.99	8.94		32.97
	1075.00	33.00		9.00	9.00		33.00
I ₃ R ₃	1075.73	33.00		9.00	9.00		33.00
L ₃ I ₄	1075.88	33.00		9.00	9.00		33.00

Pavement	4,374 Sq. Yds.
Curb	728 Lin. Ft.
Median	266 Lin. Ft.

70 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

14

Island
Width

22

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	12.00					12.00
	25.00	12.02					12.00
	50.00	12.08					12.00
	75.00	12.18					12.00
	100.00	12.31					12.00
	125.00	12.49					12.00
	150.00	12.70					12.00
	175.00	12.95					12.00
	200.00	13.25					12.00
	225.00	13.58					12.00
	250.00	13.95					12.00
	275.00	14.35					12.00
	300.00	14.80					12.00
R ₁	317.64	15.14					12.00
	325.00	15.29					12.00
	350.00	15.81					12.07
	375.00	16.38					12.22
	400.00	16.98					12.46
	425.00	17.62					12.78
L ₂ M ₁ M ₂	439.02	18.00	4.00			-2.00	13.00
	450.00	18.30	4.29			-1.81	13.19
	475.00	18.95	4.94			-1.32	13.68
	500.00	19.57	5.56			-0.74	14.26
	525.00	20.15	6.15			-0.08	14.92
	550.00	20.71	6.70			0.67	15.67
	575.00	21.22	7.22			1.50	16.50
I ₁ I ₂ M ₃ R ₂	589.02	21.50	7.50	7.50	-3.50	2.00	17.00
	600.00	21.71		7.71	-2.78	2.40	17.40
	625.00	22.16		8.16	-1.19	3.27	18.27
	650.00	22.58		8.58	0.29	4.09	19.09
	675.00	22.99		8.96	1.68	4.86	19.86
	700.00	23.32		9.32	2.97	5.57	20.57
	725.00	23.63		9.63	4.16	6.23	21.23
	727.83	23.67		9.67	4.30	6.30	21.30
M ₄	750.00	23.92		9.92	5.26		21.83
	775.00	24.17		10.17	6.26		22.39
	800.00	24.39		10.39	7.17		22.89
	825.00	24.58		10.57	7.98		23.33
	850.00	24.73		10.73	8.69		23.73
	875.00	24.85		10.84	9.31		24.07
	900.00	24.93		10.93	9.83		24.36
	925.00	24.98		10.98	10.26		24.59
	950.00	25.00		11.00	10.59		24.77
	L ₃ I ₄	951.21	25.00		11.00	10.60	
975.00		25.00		11.00	10.82		24.90
1000.00		25.00		11.00	40.96		24.98
I ₃ R ₃	1023.23	25.00		11.00	11.00		25.00

Pavement	3,152 Sq. Yds.
Curb	872 Lin. Ft.
Median	289 Lin. Ft.

70 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

16

Island
Width

22

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	12.00					12.00
	25.00	12.01					12.00
	50.00	12.03					12.00
	75.00	12.08					12.00
	100.00	12.14					12.00
	125.00	12.21					12.00
	150.00	12.30					12.00
	175.00	12.40					12.00
	200.00	12.54					12.00
	225.00	12.68					12.00
	250.00	12.84					12.00
	275.00	13.02					12.00
	300.00	13.21					12.00
	325.00	13.42					12.00
	350.00	13.65					12.00
375.00	13.89					12.00	
R ₁	383.23	13.98					12.00
	400.00	14.15					12.01
	425.00	14.43					12.06
	450.00	14.73					12.17
	475.00	15.04					12.31
	500.00	15.37					12.51
	525.00	15.71					12.75
	550.00	16.07					13.03
	575.00	16.45					13.36
	600.00	16.85					13.74
625.00	17.26					14.17	
650.00	17.69					14.64	
M ₁ M ₂	667.64	18.00	4.00			-2.00	15.00
	675.00	18.13	4.08			-1.84	15.16
	700.00	18.60	4.37			-1.28	15.72
	725.00	19.08	4.68			-0.67	16.33
	750.00	19.57	5.01			-0.01	16.99
	775.00	20.09	5.36			0.69	17.69
	800.00	20.62	5.73			4.44	18.44
L ₂ I ₁ I ₂ M ₃ R ₂	817.64	21.00	6.00	6.00	-2.00	2.00	19.00
	825.00	21.16		6.12	-1.62	2.24	19.24
	850.00	21.69		6.52	-0.36	3.01	20.01
I ₃	863.70	21.97		6.75	0.30	3.42	20.42
	875.00	22.20		6.94	0.83	3.74	20.74
	900.00	22.68		7.35	1.96	4.43	21.43
	925.00	23.13		7.73	3.02	5.09	22.09
M ₄	929.12	23.20		7.79	3.19	5.19	22.19
	950.00	23.56		8.09	4.01		22.70
	975.00	23.96		8.44	4.94		23.27
	1000.00	24.34		8.76	5.80		23.80
	1025.00	24.70		9.05	6.59		24.29
	1050.00	25.03		9.33	7.32		24.74
	1075.00	25.33		9.59	7.99		25.14
	1100.00	25.61		9.82	8.58		25.51
	1125.00	25.86		10.04	9.11		25.84
	1150.00	26.09		10.23	9.58		26.13
	1175.00	26.29		10.40	9.98		26.37
	1200.00	26.47		10.55	10.31		26.59
	1225.00	26.62		10.68	10.58		26.74
1250.00	26.74		10.78	10.78		26.87	
1275.00	26.84		10.87	10.92		26.95	
1300.00	26.92		10.93	10.99		26.99	
I ₃ R ₃	1314.11	26.95		10.96	11.00		27.00
	1325.00	26.97		10.98	11.00		27.00
	1350.00	27.00		11.00	11.00		27.00
L ₃ I ₄	1362.73	27.00		11.00	11.00		27.00

Pavement 4,456 Sq. Yds.
 Curb 1,094 Lin. Ft.
 Median 261 Lin. Ft.

70 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

24

Island
Width

22

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
R ₁	0.00	12.00					12.00
	25.00	12.00					12.01
	50.00	12.00					12.05
	75.00	12.00					12.12
	100.00	12.00					12.21
	125.00	12.00					12.32
	150.00	12.00					12.47
	175.00	12.00					12.64
	200.00	12.00					12.83
	225.00	12.00					13.05
	250.00	12.00					13.30
	275.00	12.00					13.57
	300.00	12.00					13.87
	325.00	12.00					14.19
	350.00	12.00					14.54
L ₁	365.92	12.00					14.78
	375.00	12.00					14.92
	400.00	12.05					15.32
	425.00	12.16					15.75
	450.00	12.32					16.20
	475.00	12.54					16.68
	500.00	12.82					17.19
	525.00	13.16					17.72
	550.00	13.55					18.27
	575.00	14.00					18.86
	600.00	14.50					19.47
	625.00	15.07					20.10
	650.00	15.69					20.76
	675.00	16.37					21.45
	700.00	17.10					22.16
725.00	17.89					22.90	
M ₁ M ₂	728.22	18.00	4.00			-2.00	23.00
	750.00	18.74	4.25			-1.33	23.67
	775.00	19.65	4.55			-0.54	24.46
	800.00	20.61	4.87			0.28	25.28
	825.00	21.63	5.21			1.12	26.12
	850.00	22.71	5.57			1.99	26.99
L ₂ I ₁ I ₂ M ₃ R ₂	875.00	23.85	5.95			2.88	27.88
	878.22	24.00	6.00	6.00	-2.00	3.00	28.00
	900.00	25.00		6.35	-0.57	3.77	28.77
	925.00	26.08		6.76	0.98	4.60	29.60
	950.00	27.11		7.20	2.41	5.37	30.37
I ₃	967.20	27.77		7.51	3.33	5.87	30.87
	975.00	28.07		7.65	3.73	6.08	31.08
M ₄	990.25	28.62		7.92	4.49	6.49	31.49
	1000.00	28.97		8.09	4.94		31.73
	1025.00	29.80		8.49	6.04		32.33
	1050.00	30.58		8.86	7.03		32.86
	1075.00	31.29		9.21	7.91		33.33
	1100.00	31.94		9.52	8.68		33.75
	1125.00	32.52		9.80	9.34		34.10
	1150.00	33.05		10.06	9.89		34.40
	1175.00	33.51		10.28	10.33		34.64
	1200.00	33.91		10.47	10.66		34.82
I ₃ R ₃	1225.00	34.25		10.64	10.88		34.93
	1250.00	34.52		10.77	10.99		34.99
	1262.44	34.64		10.82	11.00		35.00
	1275.00	34.74		10.87	11.00		35.00
	1300.00	34.89		10.94	11.00		35.00
L ₃ I ₄	1325.00	34.97		10.99	11.00		35.00
	1347.83	35.00		11.00	11.00		35.00

Pavement 5,447 Sq. Yds.

Curb 943 Lin. Ft.

Median 262 Lin. Ft.

60 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

16

Island
Width

12

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	11.00					11.00
	25.00	11.03					11.00
R ₁	27.44	11.04					11.00
	50.00	11.12					11.02
	75.00	11.28					11.07
	100.00	11.49					11.17
	125.00	11.77					11.31
	150.00	12.11					11.48
	175.00	12.51					11.70
	200.00	12.97					11.96
	225.00	13.50					12.26
	250.00	14.08					12.60
	275.00	14.73					12.98
	300.00	15.44					13.40
L ₂	325.00	16.21					13.86
	348.84	17.00					14.33
	350.00	17.04					14.36
M ₁ M ₂	375.00	17.86					14.90
	379.52	18.00	4.00			-2.00	15.00
	400.00	18.61	4.58			-1.52	15.48
I ₁ I ₂ I ₄ M ₃ R ₂	425.00	19.28	5.15			-0.90	16.10
	450.00	19.87	5.58			-0.24	16.76
	475.00	20.40	5.86			0.46	17.46
	500.00	20.85	5.99			1.21	18.21
	509.52	21.00	6.00	6.00	-2.00	1.50	18.50
M ₄	525.00	21.22		6.00	-0.94	1.97	18.97
	550.00	21.53		6.00	0.62	2.65	19.65
	550.58	21.53		6.00	0.66	2.66	19.66
	575.00	21.75		6.00	1.98		20.24
	600.00	21.91		6.00	3.14		20.75
L ₃	625.00	21.99		6.00	4.11		21.17
	639.54	22.00		6.00	4.58		21.38
	650.00	22.00		6.00	4.87		21.51
	675.00	22.00		6.00	5.44		21.76
	700.00	22.00		6.00	5.81		21.92
I ₃ R ₃	725.00	22.00		6.00	5.99		21.99
	734.49	22.00		6.00	6.00		22.00

Pavement	2,349 Sq. Yds.
Curb	453 Lin. Ft.
Median	171 Lin. Ft.

60 MPH

TYPE

Approach
Pavement Width**22**Divided
Pavement Width**18**Island
Width**12**

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE			
		Pavement	Median	Island	Island	Median	Pavement	
R ₁	0.00	11.00					11.00	
	25.00	11.00					11.01	
	50.00	11.00					11.06	
	75.00	11.00					11.13	
	100.00	11.00					11.24	
	125.00	11.00					11.37	
	L ₁	144.48	11.00					11.49
		150.00	11.00					11.53
		175.00	11.05					11.73
		200.00	11.17					11.95
225.00		11.35					12.20	
250.00		11.60					12.48	
275.00		11.93					12.79	
300.00		12.31					13.14	
325.00		12.77					13.50	
350.00		13.29					13.90	
L ₂ M ₁ M ₂	375.00	13.89					14.33	
	400.00	14.55					14.79	
	425.00	15.28					15.28	
	450.00	16.07					15.79	
	475.00	16.94					16.34	
	500.00	17.87					16.92	
	503.39	18.00	4.00			-2.00	17.00	
	525.00	18.81	4.61			-1.47	17.53	
	550.00	19.68	5.18			-0.84	18.16	
	575.00	20.47	5.60			-0.17	18.83	
I ₁ L ₂ L ₄ M ₃ R ₂	600.00	21.18	5.87			0.52	19.52	
	625.00	21.81	5.99			1.25	20.25	
	633.39	22.00	6.00	6.00	-2.00	1.50	20.50	
	650.00	22.36		6.00	-0.90	1.98	20.98	
	675.00	22.83		6.00	0.60	2.64	21.64	
M ₄	675.98	22.84		6.00	0.66	2.66	21.66	
	700.00	23.22		6.00	1.92		22.21	
	725.00	23.53		6.00	3.05		22.71	
	750.00	23.76		6.00	4.00		23.12	
	775.00	23.92		6.00	4.76		23.46	
	800.00	23.99		6.00	5.35		23.71	
L ₃	811.03	24.00		6.00	5.54		23.80	
	825.00	24.00		6.00	5.74		23.89	
	850.00	24.00		6.00	5.96		23.98	
I ₃ R ₃	866.74	24.00		6.00	6.00		24.00	

Pavement 2,868 Sq. Yds.
Curb 470 Lin. Ft.
Median 173 Lin. Ft.

60 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

22

Island
Width

12

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
R ₁	0.00	11.00					11.00
	25.00	11.00					11.02
	50.00	11.00					11.06
	75.00	11.00					11.14
	100.00	11.00					11.25
	125.00	11.00					11.39
	150.00	11.00					11.56
	175.00	11.00					11.76
	200.00	11.00					11.99
	L ₁	213.69	11.00				
225.00		11.01					12.26
250.00		11.05					12.55
275.00		11.15					12.88
300.00		11.29					13.24
325.00		11.49					13.63
350.00		11.74					14.05
375.00		12.03					14.50
400.00		12.37					14.98
425.00		12.77					15.49
450.00		13.21					16.03
475.00		13.70					16.61
500.00		14.25					17.22
525.00		14.84					17.85
550.00		15.48					18.85
575.00		16.17					19.22
600.00		16.91					19.95
625.00	17.70					20.71	
M ₁ M ₂ M ₃ R ₂	634.16	18.00	4.00			-2.00	21.00
	650.00	18.54	4.46			-1.51	21.49
	675.00	19.43	5.06			-0.77	22.23
	700.00	20.36	5.51			-0.08	22.92
	725.00	21.35	5.82			0.57	23.57
	750.00	22.39	5.98			1.18	24.18
L ₂ I ₁ I ₂ I ₄	764.16	23.00	6.00	6.00	-2.00	1.5	24.50
	775.00	23.46		6.00	-1.46	1.74	24.74
	800.00	24.44		6.00	-0.28	2.25	25.25
M ₄	821.57	25.19		6.00	0.66	2.66	25.66
	825.00	25.30		6.00	0.80		25.73
	850.00	26.04		6.00	1.78		26.15
	875.00	26.67		6.00	2.65		26.54
	900.00	27.17		6.00	3.43		26.87
	925.00	27.55		6.00	4.10		27.17
	950.00	27.82		6.00	4.67		27.42
	975.00	27.97		6.00	5.14		27.62
L ₃	993.52	28.00		6.00	5.42		27.75
	1000.00	28.00		6.00	5.51		27.78
	1025.00	28.00		6.00	5.77		27.90
	1050.00	28.00		6.00	5.94		27.97
I ₃ R ₃	1075.00	28.00		6.00	6.00		28.00
	1078.07	28.00		6.00	6.00		28.00

Pavement 3,970 Sq. Yds.
Curb 631 Lin. Ft.
Median 187 Lin. Ft.

60 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

14

Island
Width

16

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	11.00					11.00
	25.00	11.01					11.00
	50.00	11.04					11.00
	75.00	11.10					11.00
	100.00	11.17					11.00
	125.00	11.26					11.00
	150.00	11.38					11.00
	175.00	11.52					11.00
	200.00	11.68					11.00
	225.00	11.86					11.00
	250.00	12.06					11.00
	275.00	12.28					11.00
	300.00	12.52					11.00
	325.00	12.79					11.00
	350.00	13.07					11.00
	375.00	13.38					11.00
	400.00	13.71					11.00
	425.00	14.06					11.00
	450.00	14.43					11.00
R ₁	470.26	14.74					11.00
	475.00	14.82					11.00
	500.00	15.23					11.06
	525.00	15.66					11.19
	550.00	16.12					11.40
	575.00	16.59					11.70
L ₂	595.51	17.00					11.99
	600.00	17.09					12.07
	625.00	17.58					12.52
M ₁ M ₂	647.90	18.00	4.00			-2.00	13.00
	650.00	18.04	4.04			-1.95	13.05
	675.00	18.47	4.47			-1.34	13.66
	700.00	18.88	4.88			-0.65	14.35
	725.00	19.27	5.27			0.11	15.11
	750.00	19.63	5.63			0.96	15.96
	775.00	19.96	5.96			1.89	16.89
I ₁ I ₂ M ₃ R ₂	777.90	20.00	6.00	6.00	-2.00	2.00	17.00
	800.00	20.27		6.27	-0.35	2.83	17.83
	825.00	20.56		6.55	1.34	3.67	18.67
M ₄	835.37	20.67		6.66	1.99	3.99	18.99
	850.00	20.81		6.81	2.84		19.42
	875.00	21.05		7.05	4.14		20.07
	900.00	21.25		7.25	5.26		20.63
	925.00	21.44		7.44	6.19		21.09
	950.00	21.59		7.59	6.92		21.46
	975.00	21.72		7.72	7.47		21.73
	1000.00	21.83		7.83	7.82		21.91
	1025.00	21.91		7.91	7.99		21.99
I ₃ R ₃	1034.27	21.93		7.93	8.00		22.00
	1050.00	21.96		7.96	8.00		22.00
	1075.00	21.99		7.99	8.00		22.00
L ₃ I ₄	1091.77	22.00		8.00	8.00		22.00

Pavement	3,187 Sq. Yds.
Curb	631 Lin. Ft.
Median	187 Lin. Ft.

60 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

18

Island
Width

16

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
R ₁	0.00	11.00					11.00
	25.00	11.00					11.02
	50.00	11.00					11.08
L ₁	58.42	11.00					11.10
	75.00	11.01					11.17
	100.00	11.05					11.30
	125.00	11.21					11.47
	150.00	11.39					11.68
	175.00	11.63					11.92
	200.00	11.93					12.20
	225.00	12.29					12.52
	250.00	12.70					12.88
	275.00	13.18					13.27
	300.00	13.71					13.70
	325.00	14.30					14.17
	350.00	14.94					14.68
	375.00	15.65					15.23
	400.00	16.41					15.81
425.00	17.23					16.43	
L ₂ M ₁ M ₂	446.86	18.00	4.00			-2.00	17.00
	450.00	18.11	4.06			-1.92	17.08
	475.00	18.98	4.49			-1.22	17.78
	500.00	19.80	4.90			-0.49	18.51
	525.00	20.57	5.28			0.28	19.28
	550.00	21.26	5.64			1.09	20.09
I ₁ I ₂ M ₃ R ₂	575.00	21.95	5.98			1.94	20.94
	576.86	22.00	6.00	6.00	-2.00	2.00	21.00
	600.00	22.57		6.28	-0.46	2.77	21.77
	625.00	23.13		6.57	1.06	3.53	22.53
M ₄	641.54	23.48		6.74	1.99	3.99	22.99
	650.00	23.65		6.82	2.43		23.21
	675.00	24.11		7.06	3.65		23.82
	700.00	24.52		7.26	4.72		24.36
	725.00	24.88		7.44	5.64		24.82
	750.00	25.20		7.60	6.40		25.20
	775.00	25.46		7.73	7.02		25.51
	800.00	25.67		7.83	7.49		25.74
	825.00	25.82		7.91	7.81		25.90
	850.00	25.93		7.97	7.97		25.99
I ₃ R ₃	865.29	25.97		7.99	8.00		26.00
	875.00	25.99		7.99	8.00		26.00
L ₃ I ₄	890.79	26.00		8.00	8.00		26.00

Pavement	3,046 Sq. Yds.
Curb	631 Lin. Ft.
Median	195 Lin. Ft.

60 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

22

Island
Width

16

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
R ₁	0.00	11.00					11.00
	25.00	11.00					11.02
	50.00	11.00					11.08
	75.00	11.00					11.17
	100.00	11.00					11.31
	125.00	11.00					11.49
	150.00	11.00					11.70
	175.00	11.00					11.95
	200.00	11.00					12.24
	208.78	11.00					12.35
	225.00	11.01					12.57
	250.00	11.09					12.94
	275.00	11.24					13.35
	300.00	11.45					13.80
	325.00	11.74					14.28
	350.00	12.09					14.80
	375.00	12.50					15.37
400.00	12.99					15.97	
425.00	13.54					16.61	
450.00	14.17					17.29	
475.00	14.86					18.01	
500.00	15.62					18.77	
525.00	16.44					19.56	
550.00	17.34					20.40	
M ₁ M ₂ M ₄ R ₂	567.36	18.00	4.00			-2.00	21.00
	575.00	18.30	4.10			-1.73	21.27
	600.00	19.33	4.44			-0.89	22.11
	625.00	20.43	4.80			-0.08	22.92
	650.00	21.60	5.19			0.68	23.68
	675.00	22.84	5.61			1.40	24.40
M ₃	695.00	23.87	5.96			1.94	24.94
L ₂ I ₁ I ₂	697.36	24.00	6.00	6.00	-2.00	2.00	25.00
	700.00	24.14		6.05	-1.86	2.07	25.07
	725.00	25.38		6.46	-0.60	2.7	25.70
	750.00	26.48		6.82	0.58	3.29	26.29
	775.00	27.42		7.14	1.67	3.83	26.83
M ₅	782.86	27.69		7.23	1.99	3.99	26.99
	800.00	28.22		7.41	2.67		27.33
	825.00	28.87		7.62	3.58		27.79
	850.00	29.37		7.79	4.41		28.21
	875.00	29.73		7.91	5.16		28.58
L ₃ I ₄	900.00	29.94		7.98	5.81		28.91
	922.86	30.00		8.00	6.34		29.17
	925.00	30.00		8.00	6.39		29.19
	950.00	30.00		8.00	6.87		29.43
	975.00	30.00		8.00	7.27		29.63
	1000.00	30.00		8.00	7.58		29.79
	1025.00	30.00		8.00	7.81		29.90
1050.00	30.00		8.00	7.95		29.97	
1075.00	30.00		8.00	8.00		30.00	
I ₃ R ₃	1077.98	30.00		8.00	8.00		30.00

Pavement 4,118 Sq. Yds. Curb 765 Lin. Ft. Median 216 Lin. Ft.

60 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

14

Island
Width

18

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE			
		Pavement	Median	Island	Island	Median	Pavement	
L ₁	0.00	11.00					11.00	
	25.00	11.02					11.00	
	50.00	11.09					11.00	
	75.00	11.20					11.00	
	100.00	11.36					11.00	
	125.00	11.56					11.00	
	150.00	11.80					11.00	
	175.00	12.09					11.00	
	200.00	12.42					11.00	
	225.00	12.80					11.00	
	250.00	13.22					11.00	
	275.00	13.69					11.00	
	R ₁	278.81	13.76					11.00
300.00		14.20					11.03	
325.00		14.75					11.14	
350.00		15.35					11.32	
375.00		16.00					11.59	
375.14		16.00					11.59	
L ₂	400.00	16.65					11.93	
	425.00	17.27					12.35	
	450.00	17.85					12.86	
	456.45	18.00	4.00			-2.00	13.00	
M ₁ M ₂	475.00	18.41	4.41			-1.56	13.44	
	500.00	18.93	4.93			-0.90	14.10	
	525.00	19.43	5.42			-0.16	14.84	
	550.00	19.89	5.88			0.66	15.66	
	575.00	20.31	6.31			1.56	16.56	
I ₁ I ₂ M ₃ R ₂	586.45	20.50	6.50	6.50	-2.50	2.00	17.00	
	600.00	20.71		6.71	-1.51	2.52	17.52	
	625.00	21.08		7.08	0.20	3.41	18.41	
	650.00	21.41		7.41	1.76	4.22	19.22	
	666.54	21.61		7.61	2.72	4.72	19.72	
	675.00	21.71		7.71	3.17		19.96	
	700.00	21.98		7.98	4.43		20.61	
	725.00	22.22		8.22	5.53		21.19	
M ₄	750.00	22.43		8.43	6.48		21.68	
	775.00	22.60		8.60	7.28		22.10	
	800.00	22.74		8.74	7.93		22.44	
	825.00	22.86		8.86	8.42		22.70	
	850.00	22.94		8.94	8.76		22.88	
	875.00	22.98		8.98	8.96		22.98	
	894.09	23.00		9.00	9.00		23.00	
	900.00	23.00		9.00	9.00		23.00	
	I ₃ R ₃	900.33	23.00		9.00	9.00		23.00
L ₃ I ₄								

Pavement	2,681 Sq. Yds.
Curb	631 Lin. Ft.
Median	210 Lin. Ft.

60 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

22

Island
Width

18

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE			
		Pavement	Median	Island	Island	Median	Pavement	
R ₁	0.00	11.00					11.00	
	25.00	11.00					11.02	
	50.00	11.00					11.07	
	75.00	11.00					11.17	
	100.00	11.00					11.30	
	125.00	11.00					11.47	
	150.00	11.00					11.67	
	175.00	11.00					11.91	
	200.00	11.00					12.19	
	L ₁	220.09	11.00					12.45
		225.00	11.00					12.51
		250.00	11.05					12.87
		275.00	11.16					13.26
		300.00	11.35					13.69
		325.00	11.60					14.15
		350.00	11.92					14.66
		375.00	12.31					15.20
		400.00	12.76					15.78
		425.00	13.29					16.39
450.00		13.88					17.05	
475.00		14.54					17.74	
500.00		15.26					18.47	
525.00		16.06					19.23	
550.00		16.93					20.03	
575.00	17.86					20.87		
M ₁ M ₂	578.67	18.00	4.00			-2.00	21.00	
	600.00	18.86	4.28			-1.25	21.75	
	625.00	19.93	4.63			-0.33	22.67	
	650.00	21.06	5.01			0.62	23.62	
	675.00	22.27	5.42			1.61	24.61	
	700.00	23.54	5.85			2.64	25.64	
L ₂ I ₁ I ₂ M ₃ R ₂	708.67	24.00	6.00	6.00	-2.00	3.00	26.00	
	725.00	24.84		6.30	-0.53	3.67	26.67	
	750.00	26.03		6.78	1.52	4.6	27.60	
	752.00	26.14		6.83	1.71	4.68	27.68	
	775.00	27.09		7.25	3.32	5.41	28.41	
	777.43	27.18		7.29	3.49	5.49	28.49	
M ₄	800.00	28.02		7.67	4.87		29.12	
	825.00	28.82		8.03	6.17		29.71	
	850.00	29.50		8.33	7.23		30.19	
	875.00	30.05		8.58	8.04		30.56	
	900.00	30.48		8.77	8.60		30.82	
	925.00	30.78		8.90	8.92		30.96	
	944.89	30.93		8.97	9.00		31.00	
I ₃ R ₃	950.00	30.95		8.98	9.00		31.00	
	971.75	31.00		9.00	9.00		31.00	
L ₃ I ₄	971.75	31.00		9.00	9.00		31.00	

Pavement 3,556 Sq. Yds.
Curb 530 Lin. Ft.
Median 199 Lin. Ft.

60 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

14

Island
Width

22

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	11.00					11.00
	25.00	11.02					11.00
	50.00	11.09					11.00
	75.00	11.20					11.00
	100.00	11.36					11.00
	125.00	11.55					11.00
	150.00	11.80					11.00
	175.00	12.09					11.00
	200.00	12.42					11.00
	220.17	12.72					11.00
R ₁	225.00	12.80					11.00
	250.00	13.22					11.04
	275.00	13.69					11.12
	300.00	14.20					11.25
	325.00	14.75					11.44
	350.00	15.35					11.67
	375.00	16.00					11.96
	400.00	16.68					12.29
	425.00	17.42					12.68
	L ₂ M ₁ M ₂	443.91	18.00	4.00			-2.00
450.00		18.19	4.18			-1.89	13.11
475.00		18.95	4.94			-1.41	13.59
500.00		19.66	5.65			-0.87	14.13
525.00		20.32	6.32			-0.29	14.71
550.00		20.95	6.94			0.35	15.35
I ₁ I ₂ M ₃ R ₂	573.91	21.50	7.50	7.50	-3.50	1.00	16.00
	575.00	21.52		7.52	-3.45	1.03	16.03
	600.00	22.06		8.05	-2.34	1.72	16.72
	625.00	22.55		8.54	-1.27	2.39	17.39
	650.00	22.99		8.99	-0.24	3.02	18.02
	675.00	23.39		9.39	0.74	3.63	18.63
	700.00	23.75		9.75	1.68	4.21	19.21
	725.00	24.06		10.06	2.57	4.76	19.76
M ₄	740.03	24.22		10.22	3.08	5.08	20.08
	750.00	24.33		10.32	3.41		20.29
	775.00	24.55		10.55	4.21		20.79
	800.00	24.73		10.73	4.97		21.26
	825.00	24.86		10.86	5.68		21.70
	850.00	24.95		10.95	6.35		22.11
	875.00	24.99		10.99	6.97		22.50
	887.82	25.00		11.00	7.27		22.69
L ₃ I ₄	900.00	25.00		11.00	7.55		22.86
	925.00	25.00		11.00	8.08		23.19
	950.00	25.00		11.00	8.57		23.49
	975.00	25.00		11.00	9.01		23.77
	1000.00	25.00		11.00	9.41		24.02
	1025.00	25.00		11.00	9.77		24.24
	1050.00	25.00		11.00	10.08		24.43
	1075.00	25.00		11.00	10.34		24.59
	1100.00	25.00		11.00	10.56		24.73
	1125.00	25.00		11.00	10.74		24.84
	1150.00	25.00		11.00	10.87		24.92
	1175.00	25.00		11.00	10.95		24.97
I ₃ R ₃	1200.00	25.00		11.00	11.00		25.00
	1210.61	25.00		11.00	11.00		25.00

Pavement 3,684 Sq. Yds. Curb 1,277 Lin. Ft. Median 296 Lin. Ft.

60 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

16

Island
Width

22

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	11.00					11.00
	25.00	11.02					11.00
	50.00	11.07					11.00
	75.00	11.15					11.00
	100.00	11.27					11.00
	125.00	11.42					11.00
	150.00	11.60					11.00
	175.00	11.82					11.00
	198.89	12.05					11.00
	200.00	12.06					11.00
R ₁	225.00	12.35					11.03
	250.00	12.66					11.11
	275.00	13.01					11.24
	300.00	13.40					11.41
	325.00	13.81					11.65
	350.00	14.26					11.93
	375.00	14.74					12.26
	400.00	15.26					12.64
	425.00	15.81					13.07
	450.00	16.39					13.56
M ₁ M ₂	475.00	17.01					14.09
	500.00	17.65					14.68
	512.85	18.00	4.00			-2.00	15.00
	525.00	18.34	4.22			-1.68	15.32
	550.00	19.05	4.72			-1.00	16.00
	575.00	19.80	5.27			-0.26	16.74
	600.00	20.58	5.86			0.53	17.53
	625.00	21.40	6.51			1.37	18.37
	637.79	21.83	6.86			1.82	18.82
	L ₂ I ₁ I ₂ M ₄ R ₂	642.82	22.00	7.00	7.00	-3.00	2.00
650.00		22.24		7.19	-2.55	2.26	19.26
675.00		23.04		7.83	-1.04	3.12	20.12
700.00		23.77		8.41	0.38	3.93	20.93
725.00		24.42		8.93	1.71	4.69	21.69
750.00		25.00		9.40	2.95	5.40	22.40
M ₅	772.42	25.45		9.76	3.99	5.99	22.99
	775.00	25.50		9.80	4.10		23.06
	800.00	25.93		10.15	5.16		23.66
	825.00	26.29		10.43	6.14		24.22
	850.00	26.58		10.66	7.02		24.73
	875.00	26.79		10.83	7.82		25.18
L ₃ I ₄	900.00	26.93		10.94	8.52		25.58
	925.00	26.99		11.00	9.14		25.94
	935.01	27.00		11.00	9.37		26.07
	950.00	27.00		11.00	9.67		26.24
	975.00	27.00		11.00	10.11		26.49
	1000.00	27.00		11.00	10.47		26.69
I ₃ R ₃	1025.00	27.00		11.00	10.73		26.85
	1050.00	27.00		11.00	10.90		26.95
	1075.00	27.00		11.00	10.99		26.99
	1086.75	27.00		11.00	11.00		27.00

Pavement 3,504 Sq. Yds.
Curb 891 Lin. Ft.
Median 260 Lin. Ft.

60 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

18

Island
Width

22

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	11.00					11.00
	25.00	11.02					11.00
R ₁	50.00	11.07					11.00
	65.96	11.12					11.00
	75.00	11.15					11.00
	100.00	11.27					11.03
	125.00	11.42					11.10
	150.00	11.60					11.21
	175.00	11.82					11.36
	200.00	12.06					11.54
	225.00	12.35					11.76
	250.00	12.66					12.02
	275.00	13.01					12.31
	300.00	13.40					12.65
	325.00	13.81					13.02
	350.00	14.26					13.42
	375.00	14.74					13.87
	400.00	15.26					14.35
	425.00	15.81					14.87
450.00	16.39					15.43	
475.00	17.01					16.06	
500.00	17.65					16.66	
M ₁ M ₂	512.82	18.00	4.00			-2.00	17.00
	525.00	18.34	4.16			-1.67	17.33
	550.00	19.05	4.50			-0.96	18.04
	575.00	19.80	4.87			-0.21	18.79
	600.00	20.58	5.27			0.57	19.57
L ₂ I ₁ I ₂ M ₃ R ₂	625.00	21.40	5.69			1.39	20.39
	642.82	22.00	6.00	6.00	-2.00	2.00	21.00
	650.00	22.24		6.13	-1.60	2.25	21.25
	675.00	23.06		6.60	-0.25	3.08	22.08
I ₃	700.00	23.82		7.10	1.02	3.86	22.86
	718.66	24.36		7.48	1.92	4.41	23.41
M ₄	725.00	24.53		7.62	2.22	4.6	23.60
	746.34	25.10		8.04	3.19	5.19	24.19
	750.00	25.19		8.11	3.34		24.29
	775.00	25.79		8.57	4.38		24.93
	800.00	26.35		8.99	5.35		25.52
	825.00	26.85		9.37	6.24		26.07
	850.00	27.30		9.71	7.05		26.57
	875.00	27.69		10.01	7.79		27.03
	900.00	28.04		10.27	8.45		27.43
	925.00	28.33		10.49	9.04		27.79
	950.00	28.57		10.67	9.55		28.11
	975.00	28.75		10.81	9.98		28.37
L ₃ I ₄	1000.00	28.89		10.91	10.34		28.59
	1025.00	28.97		10.98	10.62		28.76
	1050.00	29.00		11.00	10.82		28.89
	1051.89	29.00		11.00	10.83		28.90
I ₃ R ₃	1075.00	29.00		11.00	10.95		28.97
	1100.00	29.00		11.00	11.00		29.00
	1104.31	29.00		11.00	11.00		29.00

Pavement	3,846 Sq. Yds.
Curb	926 Lin. Ft.
Median	234 Lin. Ft.

60 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

22

Island
Width

22

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE			
		Pavement	Median	Island	Island	Median	Pavement	
R ₁	0.00	11.00					11.00	
	25.00	11.00					11.02	
	50.00	11.00					11.07	
	75.00	11.00					11.17	
	100.00	11.00					11.30	
	125.00	11.00					11.47	
	150.00	11.00					11.67	
	175.00	11.00					11.91	
	200.00	11.00					12.19	
	L ₁	220.09	11.00					12.45
		225.00	11.00					12.51
		250.00	11.05					12.87
		275.00	11.16					13.26
		600.00	11.35					13.69
		325.00	11.60					14.15
		350.00	11.92					14.66
		375.00	12.31					15.20
		400.00	12.76					15.78
		425.00	13.29					16.39
450.00		13.88					17.05	
475.00		14.54					17.74	
500.00		15.26					18.47	
525.00		16.06					19.23	
550.00		16.93					20.03	
575.00		17.86					20.87	
M ₁ M ₂		578.67	18.00	4.00			-2.00	21.00
		600.00	18.86	4.28			-1.25	21.75
		625.00	19.93	4.63			-0.33	22.67
	650.00	21.06	5.01			0.62	23.62	
	675.00	22.27	5.42			1.61	24.61	
	700.00	23.54	5.85			2.64	25.64	
L ₂ I ₁ I ₂ M ₃ R ₂	708.67	24.00	6.00	6.00	-2.00	3.00	26.00	
	725.00	24.85		6.30	-0.75	3.67	26.67	
	750.00	26.07		6.79	1.05	4.64	27.64	
	775.00	27.19		7.28	2.70	5.53	28.53	
	800.00	28.21		7.82	4.19	6.33	29.33	
	804.98	28.40		7.92	4.48	6.48	29.48	
M ₄	825.00	29.13		8.37	5.54		30.06	
	I ₃	831.56	29.35		8.52	5.87		30.24
850.00		29.95		8.93	6.74		30.71	
875.00		30.68		9.42	7.79		31.27	
900.00		31.30		9.85	8.69		31.76	
925.00		31.83		10.21	9.45		32.16	
950.00		32.26		10.50	10.05		32.49	
975.00		32.59		10.72	10.51		32.73	
1000.00		32.83		10.88	10.82		32.90	
1025.00		32.96		10.97	10.98		32.99	
I ₃ R ₃		1039.38	33.00		11.00	11.00		33.00
L ₃ I ₄	1048.92	33.00		11.00	11.00		33.00	

Pavement 3931 Sq. Yds.
Curb 680 Lin. Ft.
Median 226 Lin. Ft.

60 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

14

Island
Width

12

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	12.00					12.00
	25.00	12.04					12.00
	50.00	12.18					12.00
	75.00	12.40					12.00
	100.00	12.71					12.00
	125.00	13.11					12.00
	150.00	13.60					12.00
R ₁	164.53	13.92					12.00
	175.00	14.17					12.01
	200.00	14.84					12.07
	225.00	15.59					12.22
	250.00	16.44					12.43
L ₂	265.35	17.00					12.60
	275.00	17.35					12.72
M ₁ M ₂	294.56	18.00	4.00			-2.00	13.00
	300.00	18.16	4.16			-1.91	13.09
	325.00	18.83	4.82			-1.48	13.52
	350.00	19.34	5.34			-0.97	14.03
	375.00	19.71	5.71			-0.38	14.62
	400.00	19.93	5.93			0.28	15.28
L ₃ I ₁ I ₂ I ₄ M ₃ R ₂	424.56	20.00	6.00	6.00	-2.00	1.00	16.00
	425.00	20.00		6.00	-1.97	1.01	16.01
	450.00	20.00		6.00	-0.51	1.74	16.74
M ₄	459.17	20.00		6.00	-0.01	1.99	16.99
	475.00	20.00		6.00	0.80		17.40
	500.00	20.00		6.00	1.97		17.98
	525.00	20.00		6.00	2.99		18.49
	550.00	20.00		6.00	3.86		18.93
	575.00	20.00		6.00	4.58		19.29
	600.00	20.00		6.00	5.15		19.58
	625.00	20.00		6.00	5.58		19.79
	650.00	20.00		6.00	5.86		19.93
	675.00	20.00		6.00	5.99		19.99
I ₃ R ₃	684.59	20.00		6.00	6.00		20.00

Pavement 2,110 Sq. Yds.
 Curb 524 Lin. Ft.
 Median 165 Lin. Ft.

60 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

16

Island
Width

12

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	12.00					12.00
	25.00	12.02					12.00
R ₁	50.00	12.10					12.00
	75.00	12.22					12.00
	76.15	12.23					12.00
	100.00	12.39					12.02
	125.00	12.62					12.07
	150.00	12.89					12.17
	175.00	13.21					12.30
	200.00	13.58					12.47
	225.00	14.00					12.67
	250.00	14.46					12.92
	275.00	14.98					13.20
	300.00	15.55					13.53
	325.00	16.17					13.89
	350.00	16.83					14.28
	375.00	17.55					14.72
L ₂ M ₁ M ₂	390.05	18.00	4.00			-2.00	15.00
	400.00	18.30	4.29			-1.81	15.19
	425.00	19.00	4.93			-1.29	15.71
	450.00	19.63	5.42			-0.74	16.26
	475.00	20.19	5.76			-0.16	16.84
I ₁ I ₂ I ₄ M ₃ R ₂	500.00	20.67	5.95			0.47	17.47
	520.05	21.00	6.00	6.00	-2.00	1.00	18.00
	525.00	21.07		6.00	-1.73	1.13	18.13
M ₄	550.00	21.41		6.00	-0.46	1.77	18.77
	559.47	21.51		6.00	-0.01	1.99	18.99
	575.00	21.67		6.00	0.70		19.35
	600.00	21.85		6.00	1.74		19.87
	625.00	21.96		6.00	2.67		20.33
	650.00	22.00		6.00	3.48		20.74
L ₂	650.08	22.00		6.00	3.49		20.74
	675.00	22.00		6.00	4.19		21.09
	700.00	22.00		6.00	4.77		21.39
	725.00	22.00		6.00	5.24		21.62
	750.00	22.00		6.00	5.60		21.80
	775.00	22.00		6.00	5.85		21.92
I ₃ R ₃	800.00	22.00		6.00	5.98		21.99
	815.98	22.00		6.00	6.00		22.00

Pavement 2,691 Sq. Yds.
Curb 595 Lin. Ft.
Median 162 Lin. Ft.

60 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

18

Island
Width

12

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	12.00					12.00
R ₁	15.95	12.01					12.00
	25.00	12.02					12.00
	50.00	12.08					12.03
	75.00	12.17					12.10
	100.00	12.30					12.19
	125.00	12.48					12.32
	150.00	12.69					12.49
	175.00	12.93					12.69
	200.00	13.22					12.92
	225.00	13.54					13.19
	250.00	13.90					13.50
	275.00	14.30					13.83
	300.00	14.74					14.20
	325.00	15.22					14.61
	350.00	15.73					15.05
	375.00	16.28					15.52
	400.00	16.87					16.03
	425.00	17.50					16.57
L ₂ M ₁ M ₂	443.90	18.00	4.00			-2.00	17.00
	450.00	18.16	4.18			-1.86	17.14
	475.00	18.81	4.84			-1.25	17.75
	500.00	19.42	5.35			-0.60	18.40
	525.00	19.99	5.72			0.80	19.08
	550.00	20.53	5.93			0.79	19.79
I ₁ I ₂ I ₄ M ₃ R ₂	573.90	21.00	6.00	6.00	-2.00	1.50	20.50
	575.00	21.02		6.00	-1.92	1.53	20.53
	600.00	21.48		6.00	-0.28	2.25	21.25
M ₄	615.82	21.75		6.00	0.66	2.66	21.66
	625.00	21.90		6.00	1.17		21.88
	650.00	22.28		6.00	2.42		22.43
	675.00	22.62		6.00	3.49		22.90
	700.00	22.93		6.00	4.37		23.29
	725.00	23.19		6.00	5.06		23.59
	750.00	23.42		6.00	5.56		23.81
	775.00	23.61		6.00	5.88		23.95
	800.00	23.77		6.00	6.00		24.00
I ₃ R ₃	803.64	23.78		6.00	6.00		24.00
	825.00	23.88		6.00	6.00		24.00
	850.00	23.96		6.00	6.00		24.00
	875.00	24.00		6.00	6.00		24.00
L ₃	887.80	24.00		6.00	6.00		24.00

Pavement 3,085 Sq. Yds. Curb 463 Lin. Ft. Median 172 Lin. Ft.

60 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

24

Island
Width

12

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE			
		Pavement	Median	Island	Island	Median	Pavement	
R ₁	0.00	12.00					12.00	
	25.00	12.00					12.01	
	50.00	12.00			Pavement 4,455 Sq. Yds. Curb 631 Lin. Ft. Median 187 Lin. Ft.		12.06	
	75.00	12.00				12.13		
	100.00	12.00				12.23		
	125.00	12.00				12.35		
	150.00	12.00				12.51		
	175.00	12.00				12.69		
	200.00	12.00				12.90		
	225.00	12.00				13.14		
	250.00	12.00				13.41		
	275.00	12.00				13.71		
	300.00	12.00				14.03		
	325.00	12.00				14.39		
	350.00	12.00				14.77		
	375.00	12.00				15.18		
	L ₁	383.53	12.00					15.32
		400.00	12.02					15.62
		425.00	12.10					16.08
450.00		12.27					16.58	
475.00		12.51					17.10	
500.00		12.83				17.65		
525.00		13.22				18.23		
550.00		13.69				18.84		
575.00		14.23				19.47		
600.00		14.85				20.14		
625.00		15.55				20.83		
M ₁ M ₂ M ₃ R ₂	650.00	16.32				21.55		
	675.00	17.17				22.30		
	697.57	18.00	4.00			-2.00	23.00	
	700.00	18.09	4.07			-1.92	23.08	
	725.00	19.09	4.76			-1.16	23.84	
	750.00	20.17	5.29			-0.44	24.56	
	775.00	21.33	5.67			0.23	25.23	
L ₂ I ₁ I ₂ I ₄	800.00	22.56	5.91			0.86	25.86	
	825.00	23.86	6.00			1.44	26.44	
	827.57	24.00	6.00	6.00	-2.00	1.50	26.50	
	850.00	25.15		6.00	-0.90	1.98	26.98	
M ₄	875.00	26.29		6.00	0.24	2.48	27.48	
	884.96	26.70		6.00	0.66	2.66	27.66	
	900.00	27.28		6.00	1.27		27.93	
	925.00	28.11		6.00	2.20		28.34	
	950.00	28.79		6.00	3.02		28.70	
	975.00	29.32		6.00	3.75		29.02	
	1000.00	27.70		6.00	4.38		29.29	
	1025.00	29.93		6.00	4.90		29.52	
L ₃	1049.59	30.00		6.00	5.31		29.70	
	1050.00	30.00		6.00	5.32		29.70	
	1075.00	30.00		6.00	5.64		29.84	
	1100.00	30.00		6.00	5.86		29.94	
	1125.00	30.00		6.00	5.98		29.29	
I ₃ R ₃	1141.48	30.00		6.00	6.00		30.00	

60 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

16

Island
Width

16

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	12.00					12.00
	25.00	12.02					12.00
	50.00	12.08					12.00
	75.00	12.17					12.00
	100.00	12.30					12.00
	125.00	12.48					12.00
	150.00	12.69					12.00
	168.39	12.86					12.00
R ₁	175.00	12.93					12.00
	200.00	13.22					12.04
	225.00	13.54					12.13
	250.00	13.90					12.26
	275.00	14.30					12.45
	300.00	14.74					12.68
	325.00	15.22					12.97
	350.00	15.73					13.30
	375.00	16.28					13.69
	400.00	16.87					14.12
	425.00	17.50					14.60
L ₂ M ₁ M ₂	443.90	18.00	4.00			-2.00	15.00
	450.00	18.16	4.11			-1.87	15.13
	475.00	18.81	4.54			-1.28	15.72
	500.00	19.42	4.95			-0.65	16.35
	525.00	19.99	5.33			0.03	17.03
	550.00	20.53	5.68			0.76	17.76
I ₁ I ₂ M ₃ R ₂	573.90	21.00	6.00	6.00	-2.00	1.50	18.50
	575.00	21.02		6.01	-1.94	1.54	18.54
	600.00	21.48		6.32	-0.54	2.31	19.31
	625.00	21.90		6.60	0.76	3.02	20.02
	636.53	22.08		6.72	1.32	3.32	20.32
M ₄	650.00	22.28		6.85	1.95		20.67
	675.00	22.62		7.08	3.03		21.26
	700.00	22.93		7.28	4.00		21.80
	725.00	23.19		7.46	4.87		22.28
	750.00	23.42		7.61	5.63		23.70
	775.00	23.61		7.74	6.29		23.06
	800.00	23.77		7.84	6.84		23.36
	825.00	23.88		7.92	7.28		23.60
	850.00	23.96		7.97	7.62		23.79
	875.00	24.00		8.00	7.85		23.92
L ₃ I ₄	887.80	24.00		8.00	7.93		23.96
	900.00	24.00		8.00	7.98		23.99
I ₃ R ₃	917.02	24.00		8.00	8.00		24.00

Pavement	3,011 Sq. Yds.
Curb	690 Lin. Ft.
Median	193. Lin. Ft.

60 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

18

Island
Width

16

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	12.00					12.00
	25.00	12.02					12.00
R ₁	50.00	12.08					12.00
	66.24	12.13					12.00
	75.00	12.17					12.00
	100.00	12.30					12.04
	125.00	12.47					12.12
	150.00	12.68					12.24
	175.00	12.92					12.41
	200.00	13.20					12.62
	225.00	13.52					12.87
	250.00	13.88					13.17
	275.00	14.27					13.50
	300.00	14.70					13.89
	325.00	15.17					14.31
	350.00	15.68					14.78
	375.00	16.23					15.29
	400.00	16.81					15.84
425.00	17.43					16.44	
M ₁ M ₂	446.86	18.00	4.00			-2.00	17.00
	450.00	18.08	4.04			-1.92	17.08
	475.00	18.78	4.37			-1.23	17.77
	500.00	19.51	4.73			-0.51	18.49
	525.00	20.28	5.12			0.26	19.26
M ₃	550.00	21.09	5.53			1.08	20.08
	571.07	21.80	5.90			1.80	20.80
L ₂ I ₁ I ₂ M ₄ R ₂	575.00	21.94	5.97			1.93	20.93
	576.86	22.00	6.00	6.00	-2.00	2.00	21.00
M ₅	600.00	22.76		6.38	-0.43	2.78	21.78
	625.00	23.50		6.75	1.11	3.55	22.55
	640.46	23.90		6.95	1.99	3.99	22.99
	650.00	24.13		7.07	2.49		23.25
	675.00	24.68		7.34	3.73		23.86
	700.00	25.13		7.56	4.80		24.40
	725.00	25.49		7.74	5.72		24.86
	750.00	25.75		7.88	6.48		25.24
L ₃ I ₄	775.00	25.92		7.96	7.09		25.55
	800.00	26.00		8.00	7.55		25.77
	807.60	26.00		8.00	7.65		25.83
	825.00	26.00		8.00	7.84		25.92
I ₃ R ₃	850.00	26.00		8.00	7.99		25.99
	860.54	26.00		8.00	8.00		26.00

Pavement 2,998 Sq. Yds. Curb 571 Lin. Ft. Median 194 Lin. Ft.

60 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

24

Island
Width

16

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE			
		Pavement	Median	Island	Island	Median	Pavement	
R ₁	0.00	12.00					12.00	
	25.00	12.00					12.02	
	50.00	12.00					12.09	
	75.00	12.00					12.21	
	100.00	12.00					12.37	
	125.00	12.00					12.58	
	150.00	12.00					12.84	
	175.00	12.00					13.14	
	200.00	12.00					13.49	
	225.00	12.00					13.89	
	250.00	12.00					14.33	
	L ₁	266.93	12.00					14.66
		275.00	12.01					14.82
		300.00	12.09					15.36
325.00		12.27					15.95	
350.00		12.54					16.58	
375.00		12.92					17.25	
400.00		13.40					17.98	
425.00		13.97					18.75	
450.00		14.65					19.56	
475.00		15.42					20.43	
500.00		16.29					21.34	
525.00		17.26					22.30	
M ₁ M ₂ M ₃ R ₂		542.62	18.00	4.00			-2.00	23.00
		550.00	18.33	4.10			-1.70	23.30
	575.00	19.49	4.43			-0.73	24.27	
	600.00	20.76	4.80			0.18	25.18	
	625.00	22.12	5.19			1.03	26.03	
	650.00	23.59	5.60			1.83	26.83	
L ₂ I ₁ I ₂	672.62	25.00	6.00	6.00	-2.00	2.50	27.50	
	I ₃	674.96	25.15		6.04	-1.85	2.57	27.57
675.00		25.15		6.04	-1.85	2.57	27.57	
700.00		26.65		6.47	-0.33	3.25	28.25	
725.00		27.96		6.84	1.06	3.88	28.88	
750.00		29.08		7.17	2.32	4.45	29.45	
M ₄		754.41	29.26		7.22	2.54	4.54	29.54
	775.00	30.03		7.44	3.46		29.96	
	800.00	30.78		7.65	4.47		30.41	
	825.00	31.36		7.82	5.35		30.81	
	850.00	31.75		7.93	6.11		31.15	
	875.00	31.96		7.99	6.74		31.43	
L ₃ I ₄	891.07	32.00		8.00	7.08		31.58	
	900.00	32.00		8.00	7.24		31.66	
	925.00	32.00		8.00	7.62		31.83	
	950.00	32.00		8.00	7.86		31.94	
I ₅ R ₃	975.00	32.00		8.00	7.99		31.99	
	986.58	32.00		8.00	8.00		32.00	

Pavement	3,991 Sq. Yds.
Curb	631 Lin. Ft.
Median	212 Lin. Ft.

60 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

16

Island
Width

18

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE			
		Pavement	Median	Island	Island	Median	Pavement	
L ₁	0.00	12.00					12.00	
	25.00	12.01					12.00	
	50.00	12.06					12.00	
	75.00	12.13					12.00	
	100.00	12.24					12.00	
	125.00	12.37					12.00	
	150.00	12.53					12.00	
	175.00	12.73					12.00	
	200.00	12.95					12.00	
	225.00	13.20					12.00	
R ₁	250.00	13.48					12.00	
	256.89	13.56					12.00	
	275.00	13.79					12.02	
	300.00	14.13					12.09	
	325.00	14.50					12.23	
	350.00	14.90					12.43	
	375.00	15.33					12.69	
	400.00	15.79					13.01	
	425.00	16.28					13.40	
	450.00	16.79					13.84	
M ₁ M ₂	475.00	17.34					14.35	
	500.00	17.29					14.92	
	503.39	18.00	4.00			-2.00	15.00	
	525.00	18.53	4.28			-1.45	15.55	
	550.00	19.16	4.64			-0.76	16.24	
	575.00	19.83	5.02			0.00	17.00	
	600.00	20.52	5.42			0.81	17.81	
	625.00	21.25	5.85			1.69	18.69	
	L ₂ I ₁ I ₂ M ₃ R ₂	633.39	21.50	6.00	6.00	-2.00	2.00	19.00
		650.00	21.98		6.30	-0.90	2.60	19.60
675.00		22.64		6.79	0.66	3.45	20.45	
I ₃	698.63	23.18		7.26	2.00	4.18	21.18	
	700.00	23.21		7.29	2.08	4.22	21.22	
M ₄	705.75	23.33		7.41	2.39	4.39	21.39	
	725.00	23.71		7.76	3.36		21.92	
	750.00	24.12		8.16	4.52		22.55	
	775.00	24.46		8.48	5.54		23.11	
	800.00	24.71		8.73	6.43		23.60	
	825.00	24.89		8.89	7.19		24.01	
	850.00	24.98		8.98	7.81		24.35	
L ₃ I ₄	866.74	25.00		9.00	8.16		24.54	
	875.00	25.00		9.00	8.31		24.62	
	900.00	25.00		9.00	8.67		24.82	
	925.00	25.00		9.00	8.90		24.94	
I ₅ R ₃	950.00	25.00		9.00	9.00		25.00	
	956.10	25.00		9.00	9.00		25.00	

Pavement 3,119 Sq. Yds. Curb 649 Lin. Ft. Median 202 Lin. Ft.

60 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

18

Island
Width

18

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE			
		Pavement	Median	Island	Island	Median	Pavement	
L ₁	0.00	12.00					12.00	
	25.00	12.02					12.00	
	50.00	12.08					12.00	
	75.00	12.17					12.00	
	100.00	12.30					12.00	
	125.00	12.47					12.00	
	132.88	12.53					12.00	
	150.00	12.68					12.01	
	175.00	12.92					12.09	
	200.00	13.20					12.23	
R ₁	225.00	13.52					12.43	
	250.00	13.88					12.70	
	275.00	14.27					13.02	
	300.00	14.70					13.42	
	325.00	15.17					13.87	
	350.00	15.68					14.39	
	375.00	16.23					14.97	
	400.00	16.81					15.62	
	425.00	17.43					16.33	
	M ₁ M ₂	446.86	18.00	4.00			-2.00	17.00
L ₂ I ₁ I ₂ M ₃ R ₂	450.00	18.08	4.04			-1.90	17.10	
	475.00	18.78	4.37			-1.06	17.94	
	500.00	19.51	4.73			-0.16	18.84	
	525.00	20.28	5.12			0.80	19.80	
	550.00	21.09	5.53			1.83	20.83	
	575.00	21.94	5.97			2.92	21.92	
	576.86	22.00	6.00	6.00	-2.00	3.00	22.00	
	600.00	22.77		6.43	0.18	3.99	22.99	
	I ₃	603.81	22.89		6.50	0.51	4.14	23.14
	M ₄	625.00	23.53		6.89	2.26	4.93	23.93
641.48		23.99		7.17	3.49	5.49	24.49	
650.00		24.21		7.31	4.06		24.75	
675.00		24.82		7.68	5.58		25.44	
700.00		25.36		8.00	6.82		26.01	
725.00		25.82		8.28	7.79		26.45	
750.00		26.20		8.51	8.47		26.76	
775.00		26.51		8.70	8.87		26.94	
I ₅ R ₃		798.85	26.73		8.84	9.00		27.00
L ₃ I ₄		800.00	26.74		8.84	9.00		27.00
	825.00	26.90		8.94	9.00		27.00	
	850.00	26.99		8.99	9.00		27.00	
	865.29	27.00		9.00	9.00		27.00	

Pavement 2994 Sq. Yds. Curb 580 Lin. Ft. Median 195 Lin. Ft.
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60 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

14

Island
Width

22

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE			
		Pavement	Median	Island	Island	Median	Pavement	
L ₁	0.00	12.00					12.00	
	25.00	12.03					12.00	
	50.00	12.10					12.00	
	75.00	12.23					12.00	
	100.00	12.41					12.00	
	125.00	12.65					12.00	
	150.00	12.93					12.00	
	175.00	13.27					12.00	
	200.00	13.66					12.00	
	225.00	14.10					12.00	
R ₁	275.00	14.59					12.00	
	275.00	15.13					12.00	
	275.28	15.14					12.00	
	300.00	15.73					12.06	
	325.00	16.38					12.22	
	350.00	17.08					12.50	
	375.00	17.83					12.90	
	L ₂ M ₁ M ₂	380.49	18.00	4.00			-2.00	13.00
		400.00	18.60	4.60			-1.59	13.41
		425.00	19.33	5.33			-0.97	14.03
450.00		20.02	6.02			-0.24	14.76	
475.00		20.66	6.66			0.60	15.60	
I ₁ I ₂ M ₃ R ₂	500.00	21.26	7.26			1.56	16.56	
	510.49	21.50	7.50	7.50	-3.50	2.00	17.00	
	525.00	21.82		7.81	-2.40	2.61	17.61	
	550.00	22.33		8.32	-0.61	3.59	18.59	
	575.00	22.79		8.79	1.05	4.51	19.51	
	600.00	23.21		9.21	2.58	5.35	20.35	
	625.00	23.59		9.59	3.99	6.13	21.13	
	M ₄	630.72	23.67		9.67	4.30	6.30	21.30
		650.00	23.92		9.92	5.26		21.83
		675.00	24.21		10.21	6.41		22.47
700.00		24.45		10.45	7.43		23.03	
725.00		24.65		10.65	8.32		23.52	
750.00		24.80		10.80	9.09		23.94	
775.00		24.91		10.97	9.72		24.29	
800.00		24.98		10.98	10.23		24.57	
L ₃ I ₄	824.40	25.00		11.00	10.60		24.78	
	825.00	25.00		11.00	10.61		24.78	
	850.00	25.00		11.00	10.86		24.92	
	875.00	25.00		11.00	10.99		24.99	
I ₃ R ₃	886.83	25.00		11.00	11.00		25.00	

Pavement	2732 Sq. Yds.
Curb	756 Lin. Ft.
Median	250 Lin. Ft.

60 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

18

Island
Width

22

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	12.00					12.00
	25.00	12.02					12.00
	50.00	12.08					12.00
R ₁	66.24	12.13					12.00
	75.00	12.17					12.00
	100.00	12.30					12.04
	125.00	12.47					12.12
	150.00	12.68					12.24
	175.00	12.92					12.41
	200.00	13.20					12.62
	225.00	13.52					12.87
	250.00	13.88					13.17
	275.00	14.27					13.50
	300.00	14.70					13.89
	325.00	15.17					14.31
	350.00	15.68					14.78
	375.00	16.23					15.29
	400.00	16.81					15.84
	425.00	17.43					16.44
M ₁ M ₂	446.86	18.00	4.00			-2.00	17.00
	450.00	18.08	4.04			-1.92	17.08
	475.00	18.78	4.37			-1.23	17.77
	500.00	19.51	4.73			-0.51	18.49
	525.00	20.28	5.12			0.26	19.26
	550.00	21.09	5.53			1.08	20.06
	575.00	21.94	5.97			1.93	20.93
L ₂ I ₁ I ₂ M ₃ R ₂	576.86	22.00	6.00	6.00	-2.00	2.00	21.00
	600.00	22.78		6.43	-0.71	2.80	21.80
	625.00	23.57		6.91	0.61	3.61	22.61
	650.00	24.31		7.43	1.85	4.37	23.37
I ₃	655.93	24.47		7.55	2.14	4.55	23.55
	675.00	24.99		7.95	3.02	5.09	24.09
M ₄	678.66	25.09		8.02	3.19	5.19	24.19
	700.00	25.62		8.42	4.10		24.75
	725.00	26.19		8.86	5.10		25.37
	750.00	26.72		9.26	6.03		25.94
	775.00	27.18		9.62	6.88		26.46
	800.00	27.60		9.93	7.64		26.93
	825.00	27.96		10.21	8.33		27.36
	850.00	28.27		10.44	8.94		27.73
	875.00	28.52		10.64	9.47		28.06
	900.00	28.72		10.79	9.92		28.34
	925.00	28.87		10.90	10.29		28.57
	950.00	28.96		10.97	10.59		28.75
	975.00	29.00		11.00	10.80		28.88
L ₃ I ₄	980.66	29.00		11.00	10.84		28.90
	1000.00	29.00		11.00	10.94		28.96
	1025.00	29.00		11.00	11.00		29.00
I ₃ R ₃	1030.74	29.00		11.00	11.00		29.00

Pavement 3688 Sq. Yds.
 Curb 911 Lin. Ft.
 Median 232 Lin. Ft.

60 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

24

Island
Width

22

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
R ₁	0.00	12.00					12.00
	25.00	12.00					12.02
	50.00	12.00					12.07
	75.00	12.00					12.16
	100.00	12.00					12.28
	125.00	12.00					12.43
	150.00	12.00					12.62
	175.00	12.00					12.85
	200.00	12.00					13.10
	225.00	12.00					13.40
	250.00	12.00					13.73
	275.00	12.00					14.09
	300.00	12.00					14.48
	L ₁	317.14	12.00				
325.00		12.00					14.92
350.00		12.07					15.38
375.00		12.20					15.88
400.00		12.42					16.42
425.00		12.71					13.66
450.00		13.07					17.59
475.00		13.52					18.23
500.00		14.03					18.90
525.00		14.63					19.61
550.00		15.30					20.35
575.00		16.04					21.13
600.00		16.87					21.94
625.00		17.77					22.79
M ₁ M ₂	631.18	18.00	4.00			-2.00	23.00
	650.00	18.74	4.25			-1.33	23.37
	675.00	19.79	4.60			-0.42	24.58
	700.00	20.92	4.97			0.53	25.53
	725.00	22.12	5.37			1.51	26.51
	750.00	23.40	5.80			2.53	27.53
L ₂ I ₁ I ₂ M ₃ R ₂	761.18	24.00	6	6.00	-2.00	3	28.00
	775.00	24.73		6.25	-0.94	3.57	28.57
	800.00	26.00		6.73	0.86	4.54	29.54
	825.00	27.18		7.23	2.51	5.43	30.43
I ₃	838.26	27.77		7.51	3.33	5.87	30.87
	850.00	28.28		7.75	4.01	6.24	31.24
M ₄	858.14	28.62		7.92	4.48	6.48	31.48
	875.00	29.29		8.24	5.37		31.97
	900.00	30.23		8.69	6.58		32.62
	925.00	31.07		9.10	7.65		33.19
	950.00	31.84		9.47	8.57		33.69
	975.00	32.52		9.80	9.34		34.10
	1000.00	33.12		10.09	9.96		34.44
	1025.00	33.63		10.34	10.44		34.70
I ₃ R ₃	1050.00	34.07		10.55	10.77		34.88
	1075.00	34.42		10.72	10.96		34.98
	1094.20	34.64		10.82	11.00		35.00
	1100.00	34.69		10.85	11.00		35.00
L ₃ I ₄	1125.00	34.88		10.94	11.00		35.00
	1150.00	34.98		10.99	11.00		35.00
	1168.22	35.00		11.00	11.00		35.00

Pavement	4720 Sq. Yds.
Curb	818 Lin. Ft.
Median	227 Lin. Ft.

50 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

14

Island
Width

12

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	11.00					11.00
	25.00	11.08					11.00
	50.00	11.33					11.00
R ₁	72.82	11.70					11.00
	75.00	11.74					11.00
	100.00	12.32					11.05
	125.00	13.07					11.19
	150.00	13.98					11.43
	175.00	15.05					11.75
L ₂	194.43	16.00					12.06
	200.00	16.28					12.16
	225.00	17.42					12.66
M ₁ M ₂	239.97	18.00	4.00			-2.00	13.00
	250.00	18.35	4.34			-1.75	13.25
	275.00	19.07	5.07			-1.07	13.93
	300.00	19.59	5.59			-0.31	14.69
	325.00	19.90	5.90			0.55	15.55
L ₃ I ₁ I ₂ L ₄ M ₃ R ₂	349.97	20.00	6.00	6.00	-2.00	1.50	16.50
	350.00	20.00		6.00	-2.00	1.50	16.50
	375.00	20.00		6.00	0.11	2.42	17.42
	382.08	20.00		6.00	0.66	2.66	17.66
M ₄	400.00	20.00		6.00	1.90		18.20
	425.00	20.00		6.00	3.36		18.84
	450.00	20.00		6.00	4.50		19.34
	475.00	20.00		6.00	5.32		19.70
	500.00	20.00		6.00	5.86		19.92
	525.00	20.00		6.00	6.00		20.00
	I ₃ R ₃	526.34	20.00		6.00	6.00	

Pavement	1585 Sq. Yds.
Curb	356 Lin. Ft.
Median	142 Lin. Ft.

50 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

16

Island
Width

12

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	11.00					11.00
R ₁	23.20	11.04					11.00
	25.00	11.04					11.00
	50.00	11.17					11.03
	75.00	11.39					11.12
	100.00	11.69					11.27
	125.00	12.08					11.47
	150.00	12.55					11.72
	175.00	13.11					12.04
	200.00	13.75					12.41
	225.00	14.49					12.83
	250.00	15.30					13.32
	275.00	16.21					13.86
L ₂	295.19	17.00					14.33
	300.00	17.19					14.45
M ₁ M ₂	321.15	18.00	4.00			-2.00	15.00
	325.00	18.14	4.14			-1.90	15.10
	350.00	18.98	4.91			-1.19	15.81
	375.00	19.72	5.48			-0.42	16.58
	400.00	20.35	5.84			0.40	17.40
	425.00	20.89	5.99			1.28	18.28
I ₁ I ₂ I ₄ M ₃ R ₂	431.15	21.00	6.00	6.00	-2.00	1.50	18.50
	450.00	21.31		6.00	-0.49	2.16	19.16
M ₄	465.82	21.53		6.00	0.66	2.66	19.66
	475.00	21.64		6.00	1.26		19.93
	500.00	21.86		6.00	2.74		20.57
	525.00	21.98		6.00	3.95		21.10
L ₃	541.18	22.00		6.00	4.58		21.38
	550.00	22.00		6.00	4.87		21.51
	575.00	22.00		6.00	5.52		21.79
	600.00	22.00		6.00	5.90		21.96
I ₃ R ₃	621.53	22.00		6.00	6.00		22.00

Pavement	1988 Sq. Yds.
Curb	384 Lin. Ft.
Median	145 Lin. Ft.

50 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

18

Island
Width

12

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
R ₁	0.00	11.00					11.00
	25.00	11.00					11.02
	50.00	11.00					11.08
	75.00	11.00					11.19
	100.00	11.00					11.33
L ₁	122.25	11.00					11.49
	125.00	11.00					11.52
	150.00	11.06					11.74
	175.00	11.21					12.01
	200.00	11.46					12.32
	225.00	11.80					12.67
	250.00	12.24					13.07
	275.00	12.77					13.50
	300.00	13.40					13.98
	325.00	14.12					14.49
	350.00	14.94					15.05
	375.00	15.85					15.65
	400.00	16.85					16.29
	425.00	17.96					16.97
	L ₂ M ₁ M ₂	425.97	18.00	4.00			-2.00
450.00		19.06	4.78			-1.30	17.70
475.00		20.05	5.39			-0.54	18.46
500.00		20.93	5.79			0.27	19.27
525.00		21.70	5.98			1.11	20.11
I ₁ I ₂ I ₄ M ₃ R ₂	535.97	22.00	6.00	6.00	-2.00	1.50	20.50
	550.00	22.36		6.00	-0.90	1.98	20.98
M ₄	571.93	22.84		6.00	0.66	2.66	21.66
	575.00	22.90		6.00	0.85		21.75
	600.00	23.34		6.00	2.35		22.40
	625.00	23.67		6.00	3.59		22.94
	650.00	23.88		6.00	4.57		23.38
	675.00	23.99		6.00	5.30		23.69
I ₃	686.30	24.00		6.00	5.54		23.80
	700.00	24.00		6.00	5.77		23.90
	725.00	24.00		6.00	5.99		23.99
I ₃ R ₃	733.43	24.00		6.00	6.00		24.00

Pavement	2429 Sq. Yds.
Curb	398 Lin. Ft.
Median	146 Lin. Ft.

50 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

22

Island
Width

12

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE			
		Pavement	Median	Island	Island	Median	Pavement	
R ₁	0.00	11.00					11.00	
	25.00	11.00					11.02	
	50.00	11.00					11.09	
	75.00	11.00					11.20	
	100.00	11.00					11.35	
	125.00	11.00					11.54	
	150.00	11.00					11.78	
	175.00	11.00					12.06	
	L ₁	180.79	11.00					12.13
		200.00	11.02					12.39
225.00		11.11					12.76	
250.00		11.26					13.17	
275.00		11.49					13.63	
300.00		11.79					14.12	
325.00		12.15					14.67	
350.00		12.58					15.25	
375.00		13.08					15.88	
400.00		13.66					16.56	
425.00	14.30					17.27		
450.00	15.01					18.03		
475.00	15.78					18.83		
500.00	16.63					19.68		
525.00	17.55					20.57		
M ₁ M ₂ M ₃ R ₂	536.63	18.00	4.00			-2.00	21.00	
	550.00	18.54	4.46			-1.51	21.49	
	575.00	19.59	5.15			-0.64	22.36	
	600.00	20.72	5.64			0.16	23.16	
	625.00	21.91	5.92			0.91	23.91	
L ₂ L ₁ L ₂ L ₄	646.63	23.00	6.00	6.00	-2.00	1.50	24.50	
	650.00	23.17		6.00	-1.80	1.59	24.59	
	675.00	24.36		6.00	-0.38	2.21	25.21	
	700.00	25.37		6.00	0.89	2.77	25.77	
M ₄	716.85	25.96		6.00	1.11	3.11	26.11	
	725.00	26.22		6.00	2.03		26.26	
	750.00	26.91		6.00	3.02		26.69	
	775.00	27.43		6.00	3.87		27.07	
	800.00	27.78		6.00	4.57		27.37	
	825.00	27.97		6.00	5.14		27.62	
L ₃	840.73	28.00		6.00	5.42		27.75	
	850.00	28.00		6.00	5.56		27.81	
	875.00	28.00		6.00	5.84		27.93	
I ₃ R ₃	900.00	28.00		6.00	5.98		27.99	
	912.27	28.00		6.00	6.00		28.00	

Pavement 3354 Sq. Yds. Curb 535 Lin. Ft. Median 180 Lin. Ft.
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50 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

16

Island
Width

16

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	11.00					11.00
	25.00	11.02					11.00
	50.00	11.09					11.00
	75.00	11.20					11.00
	100.00	11.36					11.00
	125.00	11.57					11.00
	150.00	11.82					11.00
	172.55	12.09					11.00
R ₁	175.00	12.12					11.00
	200.00	12.46					11.04
	225.00	12.85					11.16
	250.00	13.28					11.34
	275.00	13.76					11.59
	300.00	14.28					11.92
	325.00	14.85					12.32
	350.00	15.46					12.78
	375.00	16.13					13.32
	400.00	16.83					13.93
L ₂ M ₁ M ₂	425.00	17.58					14.61
	438.22	18.00	4.00			-2.00	15.00
	450.00	18.37	4.25			-1.64	15.36
	475.00	19.12	4.75			-0.82	16.18
	500.00	19.81	5.21			0.08	17.08
I ₁ I ₂ M ₃ R ₂	525.00	20.45	5.63			1.04	18.04
	548.22	21.00	6.00	6.00	-2.00	2.00	19.00
	550.00	21.04		6.03	-1.85	2.08	19.08
	575.00	21.57		6.38	0.15	3.08	20.08
M ₄	600.00	22.06		6.70	1.93	3.96	20.96
	600.76	22.07		6.71	1.99	3.99	20.99
	625.00	22.48		6.99	3.48		21.74
	650.00	22.86		7.24	4.79		22.40
	675.00	23.18		7.45	5.89		22.94
	700.00	23.45		7.63	6.75		23.38
	725.00	23.66		7.78	7.39		23.69
	750.00	23.83		7.88	7.80		23.90
I ₃ R ₃	775.00	23.94		7.96	7.99		23.99
	783.01	23.96		7.97	8.00		24.00
L ₃ I ₄	800.00	23.99		7.99	8.00		24.00
	813.84	24.00		8.00	8.00		24.00

Pavement	2566 Sq. Yds.
Curb	535 Lin. Ft.
Median	163 Lin. Ft.

50 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

18

Island
Width

16

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
R ₁	0.00	11.00					11.00
	25.00	11.00					11.03
L ₁	49.44	11.00					11.10
	50.00	11.00					11.10
	75.00	11.04					11.24
	100.00	11.17					11.42
	125.00	11.37					11.66
	150.00	11.65					11.94
	175.00	12.02					12.28
	200.00	12.47					12.68
	225.00	13.00					13.12
	250.00	13.61					13.62
	275.00	14.30					14.17
	300.00	15.07					14.78
	325.00	15.92					15.43
	250.00	16.85					16.14
	375.00	17.87					16.90
	L ₂ M ₁ M ₂	378.15	18.00	4.00			-2.00
400.00		18.90	4.45			-1.29	17.71
425.00		19.87	4.94			-0.42	18.58
450.00		20.77	5.38			0.50	19.50
475.00		21.59	5.80			1.47	20.47
I ₁ I ₂ M ₃ R ₂	488.15	22.00	6.00	6.00	-2.00	2.00	21.00
	500.00	22.35		6.17	-1.05	2.47	21.47
	525.00	23.03		6.52	0.79	3.40	22.40
M ₄	542.77	23.48		6.74	1.99	3.99	22.99
	550.00	23.65		6.82	2.43		23.21
	575.00	24.19		7.09	3.85		23.93
	600.00	24.66		7.33	5.07		24.53
	625.00	25.06		7.53	6.07		25.04
	650.00	25.39		7.69	6.87		25.43
	675.00	25.65		7.82	7.45		25.73
	700.00	25.84		7.92	7.83		25.91
I ₃ R ₃	725.00	25.95		7.98	7.99		26.00
	732.23	25.97		7.99	8.00		26.00
L ₃ I ₄	750.00	26.00		8.00	8.00		26.00
	753.82	26.00		8.00	8.00		26.00

Pavement 2579 Sq. Yds.
Curb 535 Lin. Ft.
Median 165 Lin. Ft.

50 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

22

Island
Width

16

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
R ₁	0.00	11.00					11.00
	25.00	11.00					11.03
	50.00	11.00					11.11
	75.00	11.00					11.24
	100.00	11.00					11.43
	125.00	11.00					11.68
	150.00	11.00					11.98
	175.00	11.00					12.33
	176.62	11.00					12.35
	200.00	11.04					12.73
	225.00	11.18					13.20
	250.00	11.41					13.71
	275.00	11.74					14.28
	300.00	12.16					14.90
	325.00	12.67					15.58
	350.00	13.28					16.31
375.00	13.99					17.10	
400.00	14.79					17.94	
425.00	15.69					18.84	
450.00	16.68					19.78	
475.00	17.77					20.79	
M ₁ M ₂ M ₄ R ₂	480.11	18.00	4.00			-2.00	21.00
	500.00	18.95	4.31			-1.19	21.81
	525.00	20.23	4.73			-0.23	22.77
	550.00	21.60	5.19			0.68	23.68
	575.00	23.07	5.68			1.52	24.52
M ₃	588.09	23.87	5.96			1.94	24.94
L ₂ I ₁ I ₂	590.11	24.00	6.00	6.00	-2.00	2.00	25.00
	600.00	24.61		6.20	-1.39	2.30	25.30
	625.00	25.99		6.66	0.05	3.02	26.02
	650.00	27.18		7.06	1.38	3.69	26.69
	662.36	27.68		7.23	1.99	3.99	26.99
M ₅	675.00	28.15		7.38	2.58		27.29
	700.00	28.92		7.64	3.66		27.83
	725.00	29.48		7.83	4.62		28.31
	750.00	29.84		7.95	5.47		28.73
	775.00	29.99		8.00	6.19		29.09
L ₃ I ₄	780.95	30.00		8.00	6.34		29.17
	800.00	30.00		8.00	6.79		29.39
	825.00	30.00		8.00	7.27		29.63
	850.00	30.00		8.00	7.63		29.81
	875.00	30.00		8.00	7.87		29.93
I ₃ R ₃	912.21	30.00		8.00	8.00		30.00

Pavement	3486 Sq. Yds.
Curb	648 Lin. Ft.
Median	182 Lin. Ft.

50 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

14

Island
Width

18

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	11.00					11.00
	25.00	11.02					11.00
	50.00	11.09					11.00
	75.00	11.20					11.00
	100.00	11.35					11.00
	125.00	11.55					11.00
	150.00	11.80					11.00
	175.00	12.09					11.00
	200.00	12.42					11.00
	225.00	12.79					11.00
R ₁	250.00	13.21					11.00
	275.00	13.68					11.00
	296.95	14.13					11.00
	300.00	14.19					11.00
	325.00	14.75					11.07
	350.00	15.34					11.25
	375.00	15.98					11.54
	400.00	16.67					11.94
	411.44	17.00					12.16
	425.00	17.39					12.45
M ₁ M ₂	447.28	18.00	4.00			-2.00	13.00
	450.00	18.07	4.07			-1.93	13.07
	475.00	18.71	4.71			-1.19	13.81
	500.00	19.31	5.30			-0.35	14.65
	525.00	19.86	5.85			0.60	15.60
	550.00	20.36	6.36			1.67	16.67
I ₁ I ₂ M ₃ R ₂	557.28	20.50	6.50	6.50	-2.50	2.00	17.00
	575.00	20.82		6.82	-0.99	2.79	17.79
	600.00	21.24		7.24	0.97	3.81	18.81
	624.93	21.61		7.61	2.71	4.71	19.71
	625.00	21.61		7.61	2.71		19.72
M ₄	650.00	21.94		7.94	4.24		20.51
	675.00	22.23		8.22	5.55		21.20
	700.00	22.46		8.46	6.66		21.78
	725.00	22.66		8.66	7.55		22.24
	750.00	22.81		8.81	8.23		22.60
	775.00	22.92		8.92	8.69		22.84
	800.00	22.98		8.98	8.95		22.97
	817.61	23.00		9.00	9.00		23.00
I ₃ R ₃	817.61	23.00		9.00	9.00		23.00
L ₃ I ₄	822.88	23.00		9.00	9.00		23.00

Pavement	2429 Sq. Yds.
Curb	535 Lin. Ft.
Median	176 Lin. Ft.

50 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

16

Island
Width

18

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	11.00					11.00
	25.00	11.03					11.00
R ₁	50.00	11.12					11.00
	75.00	11.28					11.00
	100.00	11.50					11.00
	109.97	11.60					11.00
	125.00	11.77					11.01
	150.00	12.12					11.09
	175.00	12.52					11.24
	200.00	12.98					11.46
	225.00	13.51					11.75
	250.00	14.10					12.11
L ₂ M ₁ M ₂	275.00	14.75					12.54
	300.00	15.46					13.05
	325.00	16.24					13.62
	350.00	17.08					14.27
	375.00	17.98					14.98
	375.64	18.00	4.00			-2.00	15.00
	400.00	18.88	4.63			-1.23	15.77
	425.00	19.72	5.23			-0.38	16.62
	450.00	20.50	5.78			0.55	17.55
	475.00	21.21	6.30			1.55	18.55
I ₁ I ₂ M ₃ R ₂	485.64	21.50	6.50	6.50	-2.50	2.00	19.00
	500.00	21.87		6.76	-1.36	2.60	19.60
	525.00	22.46		7.19	0.49	3.56	20.56
	550.00	22.99		7.56	2.16	4.43	21.43
M ₄	558.89	23.16		7.69	2.71	4.71	21.71
	575.00	23.46		7.90	3.64		22.20
	600.00	23.87		8.19	4.95		22.88
	625.00	24.21		8.44	6.07		23.47
	650.00	24.49		8.64	7.01		23.96
	675.00	24.71		8.79	7.77		24.36
	700.00	24.87		8.91	8.34		24.66
	725.00	24.97		8.98	8.74		24.86
	750.00	25.00		9.00	8.96		24.98
	L ₃ I ₄	751.28	25.00		9.00	8.96	
I ₃ R ₃	767.39	25.00		9.00	9.00		25.00

Pavement	2462 Sq. Yds.
Curb	567 Lin. Ft.
Median	183 Lin. Ft.

50 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

18

Island
Width

18

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
R ₁	0.00	11.00					11.00
	25.00	11.00					11.03
	50.00	11.00					11.10
	75.00	11.00					11.24
L ₁	85.95	11.00					11.31
	100.00	11.02					11.42
	125.00	11.12					11.66
	150.00	11.34					11.94
	175.00	11.65					12.28
	200.00	12.07					12.68
	225.00	12.58					13.12
	250.00	13.21					13.62
	275.00	13.93					14.17
	300.00	14.76					14.78
	325.00	15.68					15.43
	350.00	16.72					16.14
	375.00	17.85					16.90
L ₂ M ₁ M ₂	378.15	18.00	4.00			-2.00	17.00
	400.00	19.02	4.56			-1.29	17.71
	425.00	20.11	5.17			-0.42	18.58
	450.00	21.11	5.73			0.50	19.50
	475.00	22.04	6.25			1.47	20.47
I ₁ I ₂ M ₃ R ₂	488.15	22.50	6.50	6.50	-2.50	2.00	21.00
	500.00	22.89		6.72	-1.59	2.48	21.48
	525.00	23.66		7.15	0.21	3.42	22.42
	550.00	24.35		7.53	1.85	4.27	23.27
M ₄	564.29	24.71		7.73	2.71	4.71	23.71
	575.00	24.96		7.87	3.31		24.03
	600.00	25.49		8.16	4.61		24.71
	625.00	25.94		8.41	5.74		25.30
	650.00	26.31		8.62	6.70		25.80
	675.00	26.60		8.78	7.49		26.21
	700.00	26.82		8.90	8.12		26.54
	725.00	26.95		8.97	8.58		26.78
	750.00	27.00		9.00	8.87		26.93
L ₃ I ₄	753.84	27.00		9.00	8.90		26.95
	775.00	27.00		9.00	9.00		27.00
I ₃ R ₃	781.04	27.00		9.00	9.00		27.00

Pavement 2684 Sq. Yds. Curb 589 Lin. Ft. Median 186 Lin. Ft.
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50 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

22

Island
Width

18

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
R ₁	0.00	11.00					11.00
	25.00	11.00					11.03
	50.00	11.00					11.10
	75.00	11.00					11.23
	100.00	11.00					11.42
	125.00	11.00					11.65
	150.00	11.00					11.94
	175.00	11.00					12.28
	186.23	11.00					12.45
	200.00	11.01					12.67
	225.00	11.11					13.11
	250.00	11.31					13.61
	275.00	11.60					14.15
	300.00	11.98					14.75
325.00	12.46					15.40	
350.00	13.04					16.11	
375.00	13.71					16.86	
400.00	14.47					17.67	
425.00	15.33					18.53	
450.00	16.29					19.44	
475.00	17.34					20.41	
M ₁ M ₂	489.72	18.00	4.00			-2.00	21.00
	500.00	18.48	4.16			-1.58	21.42
	525.00	19.72	4.57			-0.51	22.49
	550.00	21.06	5.01			0.61	23.61
L ₂ I ₁ I ₂ M ₃ R ₂	575.00	22.49	5.49			1.79	24.79
	599.72	24.00	6.00	6.00	-2.00	3.00	26.00
	600.00	24.02		6.01	-1.97	3.01	26.01
I ₃	625.00	25.50		6.56	0.61	4.19	27.19
	636.78	26.14		6.83	1.71	4.68	27.68
M ₄	650.00	26.81		7.13	2.85	5.20	28.20
	657.77	27.18		7.29	3.48	5.48	28.48
	675.00	27.94		7.63	4.73		29.06
	700.00	28.89		8.06	6.27		29.76
	725.00	29.66		8.40	7.47		30.30
	750.00	30.26		8.67	8.32		30.69
	775.00	30.68		8.86	8.83		30.92
I ₅ R ₃	799.63	30.93		8.97	9.00		31.00
	800.00	30.93		8.97	9.00		31.00
L ₃ I ₄	822.37	31.00		9.00	9.00		31.00

Pavement 3008 Sq. Yds.
 Curb 449 Lin. Ft.
 Median 168 Lin. Ft.

50 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

14

Island
Width

22

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	11.00					11.00
	25.00	11.03					11.00
	50.00	11.12					11.00
	75.00	11.28					11.00
	100.00	11.50					11.00
	125.00	11.77					11.00
	150.00	12.12					11.00
	175.00	12.52					11.00
	186.30	12.72					11.00
R ₂	200.00	12.98					11.01
	225.00	13.51					11.08
	250.00	14.10					11.23
	275.00	14.75					11.44
	300.00	15.46					11.72
	325.00	16.24					12.07
	350.00	17.08					12.49
	375.00	17.98					12.99
L ₂ M ₁ M ₂	375.64	18.00	4.00			-2.00	13.00
	400.00	18.88	4.87			-1.45	13.55
	425.00	19.72	5.71			-0.82	14.18
	450.00	20.50	6.49			-0.12	14.88
	475.00	21.21	7.21			0.65	15.65
I ₁ I ₂ M ₃ R ₂	485.64	21.50	7.50	7.50	-3.50	1.00	16.00
	500.00	21.87		7.86	-2.74	1.47	16.47
	525.00	22.46		8.46	-1.46	2.27	17.27
	550.00	22.99		8.99	-0.24	3.02	18.02
	575.00	23.46		9.46	0.91	3.74	18.74
	600.00	23.87		9.86	2.00	4.42	19.42
	625.00	24.21		10.21	3.03	5.05	20.05
M ₄	626.10	24.22		10.22	3.08	5.08	20.08
	650.00	24.49		10.49	4.00		20.65
	675.00	24.71		10.71	4.90		21.21
	700.00	24.87		10.87	5.74		21.74
	725.00	24.97		10.97	6.52		22.22
	750.00	25.00		11.00	7.24		22.67
	751.28	25.00		11.00	7.27		22.69
L ₃ I ₄	775.00	25.00		11.00	7.89		23.07
	800.00	25.00		11.00	8.49		23.44
	825.00	25.00		11.00	9.01		23.77
	850.00	25.00		11.00	9.48		24.06
	875.00	25.00		11.00	9.89		24.31
	900.00	25.00		11.00	10.23		24.52
	925.00	25.00		11.00	10.51		24.69
	950.00	25.00		11.00	10.72		24.83
	975.00	25.00		11.00	10.88		24.92
	1000.00	25.00		11.00	10.97		24.98
I ₃ R ₃	1024.45	25.00		11.00	11.00		25.00

Pavement	3118 Sq. Yds.
Curb	1081 Lin. Ft.
Median	250 Lin. Ft.

50 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

16

Island
Width

22

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	11.00					11.00
	25.00	11.02					11.00
	50.00	11.09					11.00
	75.00	11.21					11.00
	100.00	11.37					11.00
	125.00	11.58					11.00
	150.00	11.84					11.00
	168.30	12.05					11.00
R ₁	175.00	12.14					11.00
	200.00	12.49					11.06
	225.00	12.88					11.18
	250.00	13.32					11.38
	275.00	13.81					11.65
	300.00	14.34					11.98
	325.00	14.93					12.39
	350.00	15.55					12.87
	375.00	16.23					13.42
	400.00	16.95					14.04
425.00	17.71					14.73	
M ₁ M ₂	433.97	18.00	4.00			-2.00	15.00
	450.00	18.53	4.35			-1.50	15.50
	475.00	19.39	4.96			-0.67	16.33
	500.00	20.29	5.64			0.24	17.24
	525.00	21.25	6.39			1.21	18.21
M ₃	539.72	21.83	6.86			1.82	18.82
L ₂ I ₁ I ₂ M ₄ R ₂	543.97	22.00	7.00	7.00	-3.00	2.00	19.00
	550.00	22.24		7.19	-2.55	2.25	19.25
	575.00	23.18		7.94	-0.78	3.27	20.27
	600.00	24.01		8.61	0.87	4.21	21.21
	625.00	24.74		9.19	2.39	5.08	22.08
	650.00	25.37		9.69	3.79	5.88	22.88
	653.51	25.45		9.76	3.99	5.99	22.99
M ₅	675.00	25.90		10.12	5.07		23.61
	700.00	26.32		10.46	6.22		24.27
	725.00	26.64		10.71	7.25		24.85
	750.00	26.86		10.89	8.15		25.37
	775.00	29.98		10.98	8.93		25.81
	791.23	27.00		11.00	9.37		26.07
L ₃ I ₄	800.00	27.00		11.00	9.58		26.19
	825.00	27.00		11.00	10.11		26.49
	850.00	27.00		11.00	10.52		26.73
	875.00	27.00		11.00	10.80		26.89
	900.00	27.00		11.00	10.96		26.98
I ₃ R ₃	919.64	27.00		11.00	11.00		27.00

Pavement	2963 Sq. Yds.
Curb	755 Lin. Ft.
Median	220 Lin. Ft.

50 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

18

Island
Width

22

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	11.00					11.00
	25.00	11.02					11.00
R ₁	50.00	11.09					11.00
	55.82	11.12					11.00
	75.00	11.21					11.02
	100.00	11.37					11.08
	125.00	11.58					11.20
	150.00	11.84					11.37
	175.00	12.14					11.60
	200.00	12.49					11.87
	225.00	12.88					12.20
	250.00	13.32					12.58
	275.00	13.81					13.02
	300.00	14.34					13.50
	325.00	14.93					14.04
	350.00	15.55					14.63
	375.00	16.23					15.27
400.00	16.95					15.97	
425.00	17.71					16.72	
M ₁ M ₂	433.97	18.00	4.00			-2.00	17.00
	450.00	18.53	4.25			-1.48	17.52
	475.00	19.39	4.67			-0.63	18.37
	500.00	20.29	5.12			0.28	19.28
	525.00	21.25	5.61			1.24	20.24
L ₂ I ₁ I ₂ M ₃ R ₂	543.97	22.00	6.00	6.00	-2.00	2.00	21.00
	550.00	22.24		6.13	-1.60	2.25	21.25
	575.00	23.20		6.69	-0.01	3.22	22.22
	600.00	24.08		7.28	1.47	4.13	23.13
I ₃	608.13	24.36		7.48	1.92	4.41	23.41
	625.00	24.89		7.89	2.84	4.98	23.98
M ₄	631.40	25.09		8.04	3.18	5.18	24.18
	650.00	25.63		8.45	4.10		24.76
	675.00	26.30		8.95	5.26		25.47
	700.00	26.89		9.40	6.32		26.12
	725.00	27.41		9.79	7.26		26.70
	750.00	27.85		10.13	8.10		27.22
	775.00	28.23		10.41	8.83		27.67
	800.00	28.53		10.64	9.46		28.05
	825.00	28.75		10.81	9.98		28.37
	850.00	28.91		10.93	10.39		28.63
L ₃ I ₄	875.00	28.99		10.99	10.70		28.81
	890.13	29.00		11.00	10.83		28.90
	900.00	29.00		11.00	10.90		28.94
I ₃ R ₃	925.09	29.00		11.00	10.99		29.00
	934.49	29.00		11.00	11.00		29.00

Pavement	3853 Sq. Yds.
Curb	785 Lin. Ft.
Median	197 Lin. Ft.

50 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

14

Island
Width

16

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE			
		Pavement	Median	Island	Island	Median	Pavement	
R ₁	0.00	11.00					11.00	
	25.00	11.00					11.03	
	50.00	11.00					11.10	
	75.00	11.00					11.23	
	100.00	11.00					11.42	
	125.00	11.00					11.65	
	150.00	11.00					11.94	
	175.00	11.00					12.28	
	186.23	11.00					12.45	
	200.00	11.01					12.67	
	225.00	11.11					13.11	
	250.00	11.31					13.61	
L ₁	275.00	11.60					14.15	
	300.00	11.98					14.75	
	325.00	12.46					15.40	
	350.00	13.04					16.11	
	375.00	13.71					16.86	
	400.00	14.47					17.67	
	425.00	15.33					18.53	
	450.00	16.29					19.44	
	475.00	17.34					20.41	
	M ₁ M ₂	489.72	18.00	4.00			-2.00	21.00
		500.00	18.48	4.16			-1.58	21.42
		525.00	19.72	4.57			-0.51	22.49
550.00		21.06	5.01			0.61	23.61	
575.00		22.49	5.49			1.79	24.79	
L ₂ I ₁ I ₂ M ₃ R ₂	599.72	24.00	6.00	6.00	-2.00	3.00	26.00	
	600.00	24.02		6.01	-1.97	3.01	26.01	
	625.00	25.52		6.56	0.25	4.21	27.21	
	650.00	26.89		7.14	2.26	5.29	28.29	
	675.00	28.11		7.76	4.06	6.26	29.26	
	700.00	29.20		8.42	5.56		30.12	
M ₄	703.67	29.35		8.52	5.87		30.24	
	725.00	30.16		9.07	7.04		30.87	
I ₃	750.00	30.97		9.62	8.22		31.50	
	775.00	31.65		10.08	9.19		32.02	
	800.00	32.19		10.45	9.95		32.43	
	825.00	32.59		10.72	10.51		32.73	
	850.00	32.86		10.90	10.85		32.92	
	875.00	32.99		10.99	11.00		33.00	
	879.59	33.00		11.00	11.00		33.00	
	L ₃ I ₄	885.98	33.00		11.00	11.00		33.00

Pavement 3325 Sq. Yds.
Curb 576 Lin. Ft.
Median 191 Lin. Ft.

50 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

14

Island
Width

12

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	12.00					12.00
	25.00	12.06					12.00
	50.00	12.25					12.00
	75.00	12.56					12.00
	100.00	12.99					12.00
	125.00	13.55					12.00
R ₁	139.20	13.92					12.00
	150.00	14.23					12.01
	175.00	15.04					12.11
	200.00	15.97					12.31
L ₂	224.52	17.00					12.60
	225.00	17.02					12.61
M ₁ M ₂	249.23	18.00	4.00			-2.00	13.00
	250.00	18.03	4.02			-1.99	13.01
	275.00	18.83	4.82			-1.48	13.52
	300.00	19.42	5.42			-0.86	14.14
	325.00	19.81	5.81			-0.15	14.85
	350.00	19.99	5.99			0.67	15.67
L ₃ I ₁ I ₂ I ₄ M ₃ R ₂	359.23	20.00	6.00	6.00	-2.00	1.00	16.00
	375.00	20.00		6.00	-0.89	1.55	16.55
M ₄	388.44	20.00		6.00	-0.01	1.99	16.99
	400.00	20.00		6.00	0.69		17.35
	425.00	20.00		6.00	2.07		18.03
	450.00	20.00		6.00	3.24		18.62
	475.00	20.00		6.00	4.21		19.10
	500.00	20.00		6.00	4.96		19.48
	525.00	20.00		6.00	5.51		19.76
	550.00	20.00		6.00	5.86		19.93
I ₃ R ₃	575.00	20.00		6.00	6.00		20.00
	579.26	20.00		6.00	6.00		20.00

Pavement 1785 Sq. Yds.
Curb 444 Lin. Ft.
Median 139 Lin. Ft.

50 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

16

Island
Width

12

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	12.00					12.00
	25.00	12.03					12.00
R ₁	50.00	12.14					12.00
	64.43	12.23					12.00
	75.00	12.31					12.00
	100.00	12.55					12.05
	125.00	12.86					12.16
	150.00	13.24					12.31
	175.00	13.69					12.52
	200.00	14.20					12.78
	225.00	14.79					13.10
	250.00	15.44					13.46
	275.00	16.16					13.89
L ₂ M ₁ M ₂	300.00	16.96					14.36
	325.00	17.82					14.89
	330.05	18.00	4.00			-2.00	15.00
	350.00	18.69	4.65			-1.53	15.47
	375.00	19.47	5.30			-0.90	16.10
	400.00	20.14	5.73			-0.21	16.79
	425.00	20.71	5.96			0.53	17.53
I ₁ I ₂ I ₄ M ₃ R ₂	440.05	21.00	6.00	6.00	-2.00	1.00	18.00
	450.00	21.17		6.00	-1.38	1.31	18.31
M ₄	473.33	21.51		6.00	-0.01	1.99	18.99
	475.00	21.53		6.00	0.08		19.04
	500.00	21.79		6.00	1.37		19.69
	525.00	21.95		6.00	2.51		20.25
	550.00	22.00		6.00	3.48		20.74
L ₃	550.08	22.00		6.00	3.49		20.74
	575.00	22.00		6.00	4.30		21.15
	600.00	22.00		6.00	4.96		21.48
	625.00	22.00		6.00	5.45		21.73
	650.00	22.00		6.00	5.79		21.90
	675.00	22.00		6.00	5.97		21.98
I ₃ R ₃	690.46	22.00		6.00	6.00		22.00

Pavement 2280 Sq. Yds. Curb 504 Lin. Ft. Median 143 Lin. Ft.
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50 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

18

Island
Width

12

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE			
		Pavement	Median	Island	Island	Median	Pavement	
R ₁	0.00	12.00					12.00	
	13.47	12.01					12.00	
	25.00	12.03					12.00	
	50.00	12.11					12.00	
	75.00	12.24					12.00	
	100.00	12.43					12.00	
	125.00	12.66					12.00	
	150.00	12.96					12.00	
	175.00	13.30					12.00	
	200.00	13.70					12.00	
	225.00	14.15					12.00	
	L ₁	250.00	14.66					12.00
		275.00	15.22					12.00
		300.00	15.83					12.00
325.00		16.49					12.00	
350.00		17.21					12.00	
375.00		17.98					12.00	
375.62		18.00					12.00	
400.00		18.75					12.00	
425.00		19.47					12.06	
450.00		20.14					12.19	
475.00		20.76					12.36	
485.62		21.00					12.39	
M ₁ M ₂ M ₃ R ₂		500.00	21.32					12.67
		521.02	21.75	4.00			-2.00	13.00
	525.00	21.82	4.03			-1.98	13.02	
	550.00	22.28	4.55			-1.55	13.45	
	575.00	22.68	5.02			-1.05	13.95	
	600.00	23.03	5.47			-0.48	14.52	
L ₂ I ₁ I ₂	625.00	23.32	5.87			0.17	15.17	
	I ₃	650.00	23.56	6.00	6.00	-2.00	0.89	15.89
I ₁ I ₂ M ₃ R ₂		675.00	20.24		6.24	-0.51	1.00	16.00
	680.03	20.58		6.58	1.48	1.64	16.64	
	700.00	20.66		6.66	1.99	2.34	17.34	
	M ₄	725.00	20.88		6.88	3.21	2.49	17.49
750.00		21.14		7.14	4.68		17.99	
751.24		21.37		7.37	1.99		18.60	
		21.57		7.56	3.21		19.15	
		21.72		7.72	4.68		19.66	
		21.85		7.85	5.87		20.11	
		21.93		7.93	6.80		20.52	
		21.93		7.93	7.47		20.88	
		21.98		7.98	7.87		21.19	
		22.00		8.00	8.00		21.44	
					8.00		21.65	
					8.00		21.77	
					7.69		21.81	
					7.87		21.92	
				7.98		21.99		
				8.00		22.00		

Pavement	2613 Sq. Yds.
Curb	390 Lin. Ft.
Median	145 Lin. Ft.

50 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

24

Island
Width

12

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
R ₁	0.00	12.00					12.00
	25.00	12.00					12.02
	50.00	12.00					12.08
	75.00	12.00					12.18
	100.00	12.00					12.32
	125.00	12.00					12.49
	150.00	12.00					12.71
	175.00	12.00					12.97
	200.00	12.00					13.26
	225.00	12.00					13.60
L ₁	250.00	12.00					13.97
	275.00	12.00					14.39
	300.00	12.00					14.84
	324.50	12.00					15.32
	325.00	12.00					15.33
	350.00	12.06					15.87
	375.00	12.22					16.44
	400.00	12.48					17.05
	425.00	12.86					17.70
	450.00	13.34					18.39
M ₁ M ₂ M ₃ R ₂	475.00	13.92					19.12
	500.00	14.62					19.89
	525.00	15.41					20.70
	550.00	16.32					21.55
	575.00	17.33					22.44
	590.29	18.00	4.00			-2.00	23.00
	600.00	18.45	4.34			-1.64	23.36
	625.00	19.67	5.06			-0.77	24.23
	650.00	21.00	5.58			0.05	25.05
	675.00	22.44	5.89			0.80	25.80
L ₂ I ₁ I ₂ I ₄	700.00	23.98	6.00			1.49	26.49
	700.29	24.00	6.00	6.00	-2.00	1.50	26.50
M ₄	725.00	25.48		6.00	-0.58	2.12	27.12
	748.78	26.70		6.00	0.66	2.66	27.66
	750.00	26.76		6.00	0.72		27.69
	775.00	27.82		6.00	1.87		28.19
	800.00	28.68		6.00	2.88		28.63
	825.00	29.32		6.00	3.75		29.02
	850.00	29.75		6.00	4.48		29.33
	875.00	29.97		6.00	5.06		29.59
L ₃	888.19	30.00		6.00	5.32		29.70
	900.00	30.00		6.00	5.51		29.78
	925.00	30.00		6.00	5.81		29.92
I ₃ R ₃	950.00	30.00		6.00	5.97		29.99
	965.93	30.00		6.00	6.00		30.00

Pavement 3772 Sq. Yds. Curb 535 Lin. Ft. Median 158 Lin. Ft.
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50 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

14

Island
Width

16

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	12.00					12.00
	25.00	12.02					12.00
	50.00	12.07					12.00
	75.00	12.16					12.00
	100.00	12.28					12.00
	125.00	12.44					12.00
	150.00	12.64					12.00
	175.00	12.87					12.00
	200.00	13.13					12.00
	225.00	13.44					12.00
	250.00	13.77					12.00
	275.00	14.14					12.00
	300.00	14.55					12.00
	325.00	14.99					12.00
	350.00	15.47					12.00
R ₁	354.22	15.56					12.00
	375.00	15.99					12.04
	400.00	16.54					12.17
L ₂	419.92	17.00					12.36
	425.00	17.12					12.41
	450.00	17.69					12.76
M ₁ M ₂	464.25	18.00	4.00			-2.00	13.00
	475.00	18.23	4.22			-1.80	13.20
	500.00	18.73	4.72			-1.24	13.76
	525.00	19.19	5.19			-0.59	14.41
	550.00	19.62	5.62			0.17	15.17
I ₁ I ₂ M ₃ R ₂	574.25	20.00	6.00	6.00	-2.00	1.00	16.00
	575.00	20.01		6.01	-1.95	1.03	16.03
	600.00	20.37		6.37	-0.50	1.90	16.90
M ₄	618.07	20.61		6.60	0.49	2.49	17.49
	625.00	20.69		6.69	0.84		17.70
	650.00	20.98		6.98	2.07		18.44
	675.00	21.23		7.23	3.18		19.10
	700.00	21.45		7.45	4.17		19.70
	725.00	21.63		7.63	5.05		20.23
	750.00	21.77		7.77	5.82		20.69
	775.00	21.88		7.88	6.47		21.08
	800.00	21.95		7.95	7.00		21.40
	825.00	21.99		7.99	7.42		21.65
L ₃ I ₄	839.84	22.00		8.00	7.62		21.77
	850.00	22.00		8.00	7.73		21.84
	875.00	22.00		8.00	7.92		21.95
	900.00	22.00		8.00	8.00		22.00
I ₃ R ₃	904.30	22.00		8.00	8.00		22.00

Pavement 2763 Sq. Yds.
 Curb 664 Lin. Ft.
 Median 154 Lin. Ft.

50 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

16

Island
Width

16

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	12.00					12.00
	25.00	12.03					12.00
	50.00	12.11					12.00
	75.00	12.24					12.00
	100.00	12.43					12.00
	125.00	12.66					12.00
R ₁	142.47	12.86					12.00
	150.00	12.96					12.00
	175.00	13.30					12.06
	200.00	13.70					12.18
	225.00	14.15					12.38
	250.00	14.66					12.64
	275.00	15.22					12.97
	300.00	15.83					13.37
	325.00	16.49					13.84
	350.00	17.21					14.38
L ₂ M ₁ M ₂	375.00	17.98					14.98
	375.62	18.00	4.00			-2.00	15.00
	400.00	18.75	4.50			-1.34	15.66
	425.00	19.47	4.98			-0.59	16.41
	450.00	20.14	5.43			0.22	17.22
	475.00	20.76	5.84			1.10	18.10
I ₁ I ₂ M ₃ R ₂	485.62	21.00	6.00	6.00	-2.00	1.50	18.50
	500.00	21.32		6.21	-1.03	2.03	19.03
	525.00	21.82		6.55	0.53	2.89	19.89
M ₄	538.51	22.08		6.72	1.32	3.32	20.32
	550.00	22.28		6.85	1.95		20.67
	575.00	22.68		7.12	3.21		21.37
	600.00	23.03		7.35	4.33		21.98
	625.00	23.32		7.55	5.30		22.51
	650.00	23.56		7.71	6.12		22.96
	675.00	23.75		7.84	6.79		23.33
	700.00	23.89		7.93	7.32		23.62
	725.00	23.97		7.98	7.69		23.83
	750.00	24.00		8.00	7.92		23.96
L ₃ I ₄	751.24	24.00		8.00	7.93		23.96
	775.00	24.00		8.00	8.00		24.00
I ₃ R ₃	775.98	24.00		8.00	8.00		24.00

Pavement	2550 Sq. Yds.
Curb	584 Lin. Ft.
Median	163 Lin. Ft.

50 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

18

Island
Width

16

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	12.00					12.00
	25.00	12.03					12.00
R ₁	50.00	12.10					12.00
	56.05	12.13					12.00
	75.00	12.24					12.02
	100.00	12.42					12.09
	125.00	12.66					12.23
	150.00	12.94					12.43
	175.00	13.28					12.68
	200.00	13.68					13.00
	225.00	14.12					13.38
	250.00	14.62					13.81
	275.00	15.17					14.31
	300.00	15.78					14.87
M ₁ M ₂	325.00	16.43					15.49
	350.00	17.14					16.16
	375.00	17.90					16.90
	378.15	18.00	4.00			-2.00	17.00
	400.00	18.71	4.34			-1.30	17.70
	425.00	19.58	4.77			-0.44	18.56
	450.00	20.50	5.23			0.48	19.48
	475.00	21.47	5.72			1.46	20.46
M ₃	483.24	21.80	5.90			1.80	20.80
L ₂ I ₁ I ₂ M ₄ R ₂	488.15	22.00	6.00	6.00	-2.00	2.00	21.00
	500.00	22.47		6.23	-1.04	2.48	21.48
	525.00	23.37		6.68	0.84	3.42	22.42
M ₅	541.86	23.90		6.95	1.99	3.99	22.99
	550.00	24.13		7.07	2.49		23.25
	575.00	24.77		7.38	3.93		23.96
	600.00	25.27		7.63	5.15		24.57
	625.00	25.64		7.82	6.15		25.08
	650.00	25.88		7.94	6.94		25.47
	675.00	25.99		8.00	7.51		25.75
L ₃ I ₄	683.41	26.00		8.00	7.65		25.83
	700.00	26.00		8.00	7.86		25.93
	725.00	26.00		8.00	8.00		26.00
I ₃ R ₃	728.21	26.00		8.00	8.00		26.00

Pavement	2539 Sq. Yds.
Curb	484 Lin. Ft.
Median	164 Lin. Ft.

50 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

24

Island
Width

16

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE			
		Pavement	Median	Island	Island	Median	Pavement	
R ₁	0.00	12.00					12.00	
	25.00	12.00					12.03	
	50.00	12.00					12.13	
	75.00	12.00					12.29	
	100.00	12.00					12.52	
	125.00	12.00					12.81	
	150.00	12.00					13.17	
	175.00	12.00					13.60	
	200.00	12.00					14.09	
	225.00	12.00					14.64	
	L ₁	225.82	12.00					14.66
		250.00	12.06					15.26
275.00		12.27					15.94	
300.00		12.61					16.69	
325.00		13.08					17.51	
350.00		13.70					18.39	
375.00		14.45					19.34	
400.00		15.34					20.35	
425.00		16.37					21.42	
450.00		17.54					22.56	
M ₁ M ₂ M ₃ R ₂		459.18	18.00	4.00			-2.00	23.00
		475.00	18.84	4.25			-1.26	23.74
	500.00	20.28	4.66			-0.15	24.85	
	525.00	21.87	5.11			0.88	25.88	
	550.00	23.59	5.60			1.83	26.83	
L ₂ I ₁ I ₂	569.18	25.00	6.00	6.00	-2.00	2.50	27.50	
I ₃	571.13	25.15		6.04	-1.85	2.57	27.57	
	575.00	25.43		6.12	-1.57	2.70	27.70	
	600.00	27.14		6.61	0.19	3.48	28.48	
	625.00	28.59		7.03	1.76	4.19	29.19	
M ₄	638.30	29.26		7.22	2.54	4.54	29.54	
	650.00	29.78		7.37	3.16		29.82	
	675.00	30.72		7.63	4.38		30.37	
	700.00	31.40		7.83	5.43		30.84	
	725.00	31.83		7.95	6.29		31.23	
L ₃ I ₄	750.00	32.00		8.00	6.98		31.54	
	754.07	32.00		8.00	7.08		31.58	
	775.00	32.00		8.00	7.49		31.77	
	800.00	32.00		8.00	7.83		31.92	
I ₅ R ₃	825.00	32.00		8.00	7.99		31.99	
	834.87	32.00		8.00	8.00		32.00	

Pavement 3379 Sq. Yds. Curb 535 Lin. Ft. Median 179 Lin. Ft.
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50 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

14

Island
Width

18

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	12.00					12.00
	25.00	12.05					12.00
	50.00	12.19					12.00
	75.00	12.43					12.00
	100.00	12.76					12.00
	125.00	13.19					12.00
	150.00	13.71					12.00
	175.00	14.33					12.00
R ₁	189.02	14.71					12.00
	200.00	15.04					12.01
L ₂	214.66	15.50					12.05
	225.00	15.83					12.11
	250.00	16.61					12.31
	275.00	17.34					12.61
M ₁ M ₂	299.05	18.00	4.00			-2.00	13.00
	300.00	18.03	4.02			-1.98	13.02
	325.00	18.67	4.66			-1.47	13.53
	350.00	19.26	5.26			-0.86	14.14
	375.00	19.82	5.81			-0.14	14.86
	400.00	20.33	6.32			0.68	15.68
I ₁ I ₂ M ₃ R ₂	409.05	20.50	6.50	6.50	-2.50	1.00	16.00
	425.00	20.79		6.79	-1.57	1.57	16.57
	450.00	21.21		7.21	-0.18	2.41	17.41
	475.00	21.59		7.59	1.10	3.19	18.19
M ₄	479.29	21.65		7.65	1.32	3.32	18.32
	500.00	21.92		7.92	2.29		18.92
	525.00	22.21		8.21	3.39		19.58
	550.00	22.45		8.45	4.38		20.19
	575.00	22.65		8.65	5.28		20.73
	600.00	22.80		8.80	6.08		21.22
	625.00	22.91		8.91	6.78		21.65
	650.00	22.98		8.98	7.39		22.02
L ₃ L ₄	674.65	23.00		9.00	7.89		22.33
	675.00	23.00		9.00	7.90		22.33
	700.00	23.00		9.00	8.31		22.58
	725.00	23.00		9.00	8.63		22.77
	750.00	23.00		9.00	8.85		22.91
	775.00	23.00		9.00	8.97		22.98
I ₃ R ₃	794.10	23.00		9.00	9.00		23.00

Pavement	2465 Sq. Yds.
Curb	774 Lin. Ft.
Median	180 Lin. Ft.

50 MPH

TYPE

 Approach
Pavement Width

24

 Divided
Pavement Width

16

 Island
Width

18

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	12.00					12.00
	25.00	12.02					12.00
	50.00	12.08					12.00
	75.00	12.19					12.00
	100.00	12.33					12.00
	125.00	12.52					12.00
	150.00	12.74					12.00
	175.00	13.01					12.00
	200.00	13.32					12.00
	R ₁	217.37	13.56				
225.00		13.67					12.00
250.00		14.07					12.07
275.00		14.50					12.23
300.00		14.98					12.47
325.00		15.49					12.80
350.00		16.05					13.21
375.00		16.65					13.71
400.00		17.29					14.30
425.00		17.97					14.97
M ₁ M ₂	425.97	18.00	4.00			-2.00	15.00
	450.00	18.70	4.38			-1.27	15.73
	475.00	19.46	4.81			-0.42	16.58
	500.00	20.27	5.27			0.51	17.51
	525.00	21.11	5.77			1.53	18.53
L ₂ I ₁ I ₂ M ₃ R ₂	535.97	21.50	6.00	6.00	-2.00	2.00	19.00
	550.00	21.98		6.30	-0.90	2.60	19.60
	575.00	22.75		6.87	0.92	3.59	20.59
I ₃	591.16	23.18		7.26	2.00	4.18	21.18
	597.07	23.33		7.40	2.39	4.39	21.39
M ₄	600.00	23.40		7.47	2.56		21.48
	625.00	23.94		7.99	4.01		22.28
	650.00	24.38		8.40	5.27		22.97
	675.00	24.69		8.71	6.35		23.55
	700.00	24.90		8.90	7.25		24.04
	725.00	24.99		8.99	7.96		24.43
	733.43	25.00		9.00	8.16		24.54
L ₃ I ₄	750.00	25.00		9.00	8.49		24.72
	775.00	25.00		9.00	8.83		24.91
	800.00	25.00		9.00	8.99		24.99
I ₅ R ₃	809.06	25.00		9.00	9.00		25.00

Pavement	2641 Sq. Yds.
Curb	550 Lin. Ft.
Median	171 Lin. Ft.

50 MPH

TYPE

 Approach
Pavement Width

24

 Divided
Pavement Width

18

 Island
Width

18

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	12.00					12.00
	25.00	12.03					12.00
R ₁	50.00	12.10					12.00
	75.00	12.24					12.00
	100.00	12.42					12.00
	112.43	12.53					12.00
	125.00	12.66					12.01
	150.00	12.94					12.10
	175.00	13.28					12.28
	200.00	13.68					12.54
	225.00	14.12					12.90
	250.00	14.62					13.34
M ₁ M ₂	275.00	15.17					13.87
	300.00	15.78					14.49
	325.00	16.43					15.20
	350.00	17.14					16.00
	375.00	17.90					16.88
	378.15	18.00	4.00			-2.00	17.00
	400.00	18.71	4.34			-1.14	17.86
	425.00	19.58	4.77			-0.08	18.92
L ₂ I ₁ I ₂ M ₃ R ₂	450.00	20.50	5.23			1.07	20.07
	475.00	21.47	5.72			2.31	21.31
I ₃	488.15	22.00	6.00	6.00	-2.00	3.00	22.00
	500.00	22.47		6.26	-0.65	3.61	22.61
M ₄	510.94	22.89		6.50	0.51	4.14	23.14
	525.00	23.40		6.81	1.90	4.77	23.77
	542.70	23.99		7.17	3.48	5.48	24.48
I ₅ R ₃	550.00	24.21		7.30	4.06		24.75
	575.00	24.93		7.74	5.83		25.56
	600.00	25.53		8.11	7.20		26.18
	625.00	26.04		8.41	8.19		26.63
	650.00	26.43		8.65	8.79		26.90
	675.00	26.73		8.83	9.00		27.00
L ₃ I ₄	676.01	26.73		8.84	9.00		27.00
	700.00	26.91		8.95	9.00		27.00
	725.00	27.00		9.00	9.00		27.00
	732.23	27.00		9.00	9.00		27.00

Pavement	2536 Sq. Yds.
Curb	492 Lin. Ft.
Median	165 Lin. Ft.

50 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

24

Island
Width

18

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
R ₁	0.00	12.00					12.00
	25.00	12.00					12.04
	50.00	12.00					12.16
	75.00	12.00					12.36
	100.00	12.00					12.64
	125.00	12.00					13.01
L ₁	147.50	12.00					13.40
	150.00	12.00					13.45
	175.00	12.06					13.97
	200.00	12.23					14.57
	225.00	12.51					15.26
	250.00	12.89					16.02
	275.00	13.38					16.87
	300.00	13.97					17.79
	325.00	14.68					18.80
	350.00	15.48					19.89
	375.00	16.40					21.06
	400.00	17.41					22.30
	M ₁ M ₂ M ₄ R ₂	413.29	18.00	4.00			-2.00
425.00		18.54	4.18			-1.39	23.61
450.00		19.77	4.59			-0.14	24.86
475.00		21.11	5.04			1.02	26.02
500.00		22.56	5.52			2.08	27.08
M ₃	523.21	24.00	6.00			3.00	28.00
L ₂ I ₁ I ₂	523.29	24.00	6.00	6.00	-2.00	3.00	28.00
	525.00	24.11		6.04	-1.86	3.06	28.06
	550.00	25.63		6.54	0.10	3.95	28.95
	575.00	27.00		7.00	1.87	4.76	29.76
	600.00	28.23		7.41	3.44	5.47	30.47
M ₅	600.72	28.27		7.42	3.49	5.49	30.49
	625.00	29.33		7.77	4.81		31.10
	650.00	30.28		8.09	5.99		31.63
	675.00	31.08		8.36	6.98		32.08
	700.00	31.75		8.58	7.77		32.44
	725.00	32.27		8.76	8.36		32.71
	750.00	32.66		8.89	8.76		32.89
	775.00	32.90		8.97	8.97		32.99
I ₃ R ₃	789.01	32.97		8.99	9.00		33.00
	800.00	33.00		9.00	9.00		33.00
L ₃ I ₄	805.13	33.00		9.00	9.00		33.00

Pavement 3296 Sq. Yds.
Curb 567 Lin. Ft.
Median 187 Lin. Ft.

50 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

14

Island
Width

22

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	12.00					12.00
	25.00	12.04					12.00
	50.00	12.14					12.00
	75.00	12.33					12.00
	100.00	12.58					12.00
	125.00	12.90					12.00
	150.00	13.30					12.00
	175.00	13.77					12.00
	200.00	14.31					12.00
	225.00	14.93					12.00
R ₁	232.95	15.14					12.00
	250.00	15.62					12.04
	275.00	16.38					12.22
	300.00	17.21					12.57
L ₂ M ₁ M ₂	321.98	18.00	4.00			-2.00	13.00
	325.00	18.11	4.10			-1.93	13.07
	350.00	19.01	5.00			-1.27	13.73
	375.00	19.84	5.83			-0.45	14.55
	400.00	20.61	6.60			0.52	15.52
	425.00	21.31	7.31			1.66	16.66
I ₁ I ₂ M ₃ R ₂	431.98	21.50	7.50	7.50	-3.50	2.00	17.00
	450.00	21.96		7.95	-1.90	2.88	17.88
	475.00	22.54		8.54	0.16	4.02	19.02
	500.00	23.06		9.06	2.04	5.05	20.05
	525.00	23.52		9.52	3.74	5.99	20.99
	533.57	23.67		9.66	4.29	6.29	21.29
M ₄	550.00	23.92		9.92	5.26		21.83
	575.00	24.25		10.25	6.61		22.57
	600.00	24.53		10.53	7.77		23.22
	625.00	24.74		10.74	8.75		23.76
	650.00	24.89		10.89	9.56		24.20
	675.00	24.97		10.97	10.19		24.55
	697.62	25.00		11.00	10.60		24.78
L ₃ I ₄	700.00	25.00		11.00	10.64		24.80
	725.00	25.00		11.00	10.91		24.95
	750.00	25.00		11.00	11.00		25.00
	750.43	25.00		11.00	11.00		25.00

Pavement	2310 Sq. Yds.
Curb	640 Lin. Ft.
Median	212 Lin. Ft.

50 MPH

TYPE

 Approach
Pavement Width

24

 Divided
Pavement Width

16

 Island
Width

22

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	12.00					12.00
	25.00	12.02					12.00
	50.00	12.06					12.00
	75.00	12.14					12.00
	100.00	12.25					12.00
	125.00	12.39					12.00
	150.00	12.56					12.00
	175.00	12.77					12.00
	200.00	13.00					12.00
	225.00	13.27					12.00
R ₁	250.00	13.56					12.00
	275.00	13.89					12.00
	280.94	13.98					12.00
	300.00	14.25					12.03
	325.00	14.64					12.13
	350.00	15.07					12.33
	375.00	15.52					12.61
	400.00	16.01					12.98
	425.00	16.52					13.43
	450.00	17.07					13.97
M ₁ M ₂	475.00	17.65					14.60
	489.54	18.00	4.00			-2.00	15.00
	500.00	18.26	4.16			-1.69	15.31
	525.00	18.90	4.57			-0.89	16.11
	550.00	19.57	5.01			-0.01	16.99
	575.00	20.28	5.49			0.96	17.96
L ₂ I ₁ I ₂ M ₃ R ₂	599.54	21.00	6.00	6.00	-2.00	2.00	19.00
	600.00	21.01		6.01	-1.97	2.02	19.02
	625.00	21.74		6.56	-0.24	3.08	20.08
	I ₃	633.35	21.97		6.75	0.30	3.42
650.00		22.42		7.13	1.36	4.06	21.06
675.00		23.05		7.66	2.83	4.97	21.97
M ₄	681.03	23.20		7.79	3.18	5.18	22.18
	700.00	23.64		8.16	4.19		22.81
	725.00	24.18		8.61	5.42		23.56
	750.00	24.67		9.03	6.53		24.25
	775.00	25.11		9.40	7.51		24.85
	800.00	25.51		9.74	8.38		25.38
	825.00	25.86		10.04	9.12		25.84
	850.00	26.16		10.29	9.73		26.22
	875.00	26.42		10.51	10.23		26.53
	900.00	26.63		10.69	10.60		26.76
	925.00	26.79		10.83	10.85		26.91
	950.00	26.91		10.92	10.98		26.99
	I ₃ R ₃	963.65	26.95		10.96	11.00	
975.00		26.98		10.98	11.00		27.00
L ₃ I ₄	999.23	27.00		11.00	11.00		27.00

 Pavement 3267 Sq. Yds.
 Curb 803 Lin. Ft.
 Median 191 Lin. Ft.

50 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

18

Island
Width

22

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	12.00					12.00
	25.00	12.03					12.00
	50.00	12.10					12.00
R ₁	56.05	12.13					12.00
	75.00	12.24					12.02
	100.00	12.42					12.09
	125.00	12.66					12.23
	150.00	12.94					12.43
	175.00	13.28					12.68
	200.00	13.68					13.00
	225.00	14.12					13.38
	250.00	14.62					13.81
	275.00	15.17					14.31
	300.00	15.78					14.87
	325.00	16.43					15.49
	350.00	17.14					16.16
	375.00	17.90					16.90
M ₁ M ₂	378.15	18.00	4.00			-2.00	17.00
	400.00	18.71	4.34			-1.30	17.70
	425.00	19.58	4.77			-0.44	18.56
	450.00	20.50	5.23			0.48	19.48
	475.00	21.47	5.72			1.46	20.46
L ₂ I ₁ I ₂ M ₃ R ₂	488.15	22.00	6.00	6.00	-2.00	2.00	21.00
	500.00	22.48		6.26	-1.21	2.49	21.49
	525.00	23.43		6.82	0.38	3.46	22.46
	550.00	24.31		7.43	1.85	4.37	23.37
I ₃	555.04	24.47		7.55	2.14	4.54	23.54
M ₄	574.12	25.08		8.01	3.18	5.18	24.18
	575.00	25.11		8.03	3.22		24.21
	600.00	25.83		8.59	4.47		24.98
	625.00	26.48		9.08	5.62		25.69
	650.00	27.06		9.52	6.65		26.32
	675.00	27.56		9.91	7.57		26.89
	700.00	27.99		10.23	8.39		27.39
	725.00	28.34		10.50	9.09		27.82
	750.00	28.62		10.71	9.68		28.19
	775.00	28.82		10.86	10.17		28.49
	800.00	28.95		10.96	10.54		28.72
	825.00	29.00		11.00	10.80		28.88
L ₃ I ₄	829.86	29.00		11.00	10.84		28.90
	850.00	29.00		11.00	10.96		28.97
I ₅ R ₃	872.24	29.00		11.00	11.00		29.00

Pavement 3124 Sq. Yds. Curb 772 Lin. Ft. Median 196 Lin. Ft.
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50 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

24

Island
Width

22

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE			
		Pavement	Median	Island	Island	Median	Pavement	
R ₁	0.00	12.00					12.00	
	25.00	12.00					12.02	
	50.00	12.00					12.10	
	75.00	12.00					12.22	
	100.00	12.00					12.39	
	125.00	12.00					12.60	
	150.00	12.00					12.87	
	175.00	12.00					13.18	
	200.00	12.00					13.54	
	225.00	12.00					13.95	
	250.00	12.00					14.41	
	L ₁	268.37	12.00					14.78
		275.00	12.00					14.91
		300.00	12.08					15.47
325.00		12.27					16.07	
350.00		12.57					16.72	
375.00		12.97					17.42	
400.00		13.47					18.17	
425.00		14.08					18.96	
450.00		14.80					19.81	
475.00		15.63					20.70	
500.00		16.56					21.64	
525.00		17.59					22.63	
M ₁ M ₂		534.16	18.00	4.00			-2.00	23.00
		550.00	18.74	4.25			-1.34	23.66
	575.00	19.99	4.66			-0.25	24.75	
	600.00	21.34	5.11			0.88	25.88	
	625.00	22.81	5.60			2.06	27.06	
L ₂ I ₁ I ₂ M ₃ R ₂	644.16	24.00	6.00	6.00	-2.00	3.00	28.00	
	650.00	24.37		6.13	-1.47	3.29	28.29	
	675.00	25.88		6.68	0.69	4.45	29.45	
	700.00	27.28		7.28	2.65	5.50	30.50	
	I ₃	709.35	27.77		7.51	3.33	5.86	30.86
725.00		28.56		7.89	4.40	6.44	31.44	
M ₄	726.01	28.61		7.91	4.48	6.48	31.48	
	750.00	29.72		8.45	5.94		32.27	
	775.00	30.77		8.96	7.27		32.99	
	800.00	31.70		9.41	8.41		33.60	
	825.00	32.52		9.80	9.33		34.10	
	850.00	33.22		10.14	10.06		34.49	
	875.00	33.80		10.42	10.58		34.77	
	900.00	34.27		10.65	10.89		34.94	
	925.00	34.63		10.82	11.00		35.00	
	I ₅ R ₃	925.98	34.64		10.82	11.00		35.00
980.00		34.86		10.93	11.00		35.00	
975.00		34.98		10.99	11.00		35.00	
L ₃ I ₄	988.63	35.00		11.00	11.00		35.00	

Pavement	3993 Sq. Yds.
Curb	692 Lin. Ft.
Median	192 Lin. Ft.

40 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

14

Island
Width

12

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	11.00					11.00
	25.00	11.12					11.00
	50.00	11.49					11.00
R ₁	59.53	11.70					11.00
	75.00	12.11					11.03
	100.00	12.98					11.18
	125.00	14.09					11.46
	150.00	15.45					11.87
L ₂	159.06	16.00					12.06
	175.00	16.94					12.43
M ₁ M ₂	196.31	18.00	4.00			-2.00	13.00
	200.00	18.16	4.15			-1.89	13.11
	225.00	19.07	5.07			-1.07	13.93
	250.00	19.67	5.67			-0.12	14.88
	275.00	19.97	5.97			0.96	15.96
L ₃ I ₁ I ₂ L ₄ M ₃ R ₂	286.31	20.00	6.00	6.00	-2.00	1.50	16.50
	300.00	20.00		6.00	-0.55	2.13	17.13
M ₄	312.48	20.00		6.00	0.65	2.65	17.65
	325.00	20.00		6.00	1.72		18.13
	350.00	20.00		6.00	3.51		18.91
	375.00	20.00		6.00	4.81		19.48
	400.00	20.00		6.00	5.64		19.84
	425.00	20.00		6.00	5.99		19.99
I ₃ R ₃	430.62	20.00		6.00	6.00		20.00

Pavement 1296 Sq. Yds.
Curb 292 Lin. Ft.
Median 116 Lin. Ft.

40 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

18

Island
Width

12

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
R ₁	0.00	11.00					11.00
	25.00	11.00					11.03
	50.00	11.00					11.12
	75.00	11.00					11.28
	100.00	11.00					11.49
	100.06	11.00					11.49
	125.00	11.07					11.77
	150.00	11.28					12.11
	175.00	11.64					12.51
	200.00	12.13					12.97
L ₁	225.00	12.77					13.50
	250.00	13.55					14.09
	275.00	14.47					14.73
	300.00	15.53					15.44
	325.00	16.73					16.22
	348.58	18.00	4.00			-2.00	17.00
	350.00	18.08	4.06			-1.95	17.05
	375.00	19.40	5.00			-1.06	17.94
	400.00	20.55	5.63			-0.10	18.90
	425.00	21.53	5.95			0.92	19.92
I ₁ I ₂ I ₄ M ₃ R ₂	438.58	22.00	6.00	6.00	-2.00	1.50	20.50
	450.00	22.35		6.00	-0.91	1.98	20.98
M ₄	467.90	22.84		6.00	0.66	2.66	21.66
	475.00	23.01		6.00	1.20		21.90
	500.00	23.50		6.00	2.93		22.66
	525.00	23.82		6.00	4.27		23.24
	550.00	23.98		6.00	5.23		23.66
L ₃	561.60	24.00		6.00	5.55		23.80
	575.00	24.00		6.00	5.81		23.92
	600.00	24.00		6.00	6.00		24.00
I ₃ R ₃	600.16	24.00		6.00	6.00		24.00

Pavement	1985 Sq. Yds.
Curb	327 Lin. Ft.
Median	119 Lin. Ft.

40 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

22

Island
Width

12

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE			
		Pavement	Median	Island	Island	Median	Pavement	
R ₁	0.00	11.00					11.00	
	25.00	11.00					11.03	
	50.00	11.00					11.13	
	75.00	11.00					11.29	
	100.00	11.00					11.52	
	125.00	11.00					11.81	
	147.88	11.00					12.13	
	150.00	11.00					12.17	
	175.00	11.06					12.59	
	200.00	11.22					13.07	
	225.00	11.49					13.62	
	250.00	11.86					14.24	
	275.00	12.33					14.92	
	300.00	12.91					15.67	
L ₁	325.00	13.59					16.48	
	350.00	14.37					17.35	
	375.00	15.26					18.29	
	400.00	16.25					19.30	
	425.00	17.34					20.37	
	M ₁ M ₂ M ₃ R ₂	439.11	18.00	4.00			-2.00	21.00
		450.00	18.53	4.45			-1.51	21.49
		475.00	19.83	5.28			-0.46	22.54
		500.00	21.24	5.79			0.50	23.50
		525.00	22.74	6.00			1.37	24.37
L ₂ I ₁ I ₂ I ₄	529.11	23.00	6.00	6.00	-2.00	1.50	24.50	
	550.00	24.23		6.00	-0.53	2.14	25.14	
M ₄	568.71	25.18		6.00	0.66	2.66	25.66	
	575.00	25.47		6.00	1.02		25.82	
	600.00	26.47		6.00	2.37		26.41	
	625.00	27.22		6.00	3.50		26.91	
	650.00	27.71		6.00	4.43		27.31	
	675.00	27.97		6.00	5.14		27.62	
L ₃	687.96	28.00		6.00	5.42		27.75	
	700.00	28.00		6.00	5.63		27.84	
	725.00	28.00		6.00	5.92		27.97	
I ₃ R ₃	746.49	28.00		6.00	6.00		28.00	

Pavement	2748 Sq. Yds.
Curb	438 Lin. Ft.
Median	130 Lin. Ft.

40 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

14

Island
Width

16

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	11.00					11.00
	25.00	11.02					11.00
	50.00	11.09					11.00
	75.00	11.20					11.00
	100.00	11.35					11.00
	125.00	11.55					11.00
	150.00	11.79					11.00
	175.00	12.08					11.00
	200.00	12.41					11.00
	225.00	12.79					11.00
	250.00	13.21					11.00
	275.00	13.67					11.00
R ₁	300.00	14.18					11.00
	325.00	14.73					11.00
	325.55	14.74					11.00
	350.00	15.32					11.08
L ₂	375.00	15.96					11.32
	400.00	16.65					11.73
M ₁ M ₂	412.30	17.00					11.99
	425.00	17.36					12.31
	448.57	18.00	4.00			-2.00	13.00
I ₁ I ₂ M ₃ R ₂	450.00	18.04	4.03			-1.95	13.05
	475.00	18.66	4.65			-1.05	13.95
	500.00	19.23	5.22			0.02	15.02
	525.00	19.74	5.74			1.26	16.26
M ₄	538.57	20.00	6.00	6.00	-2.00	2.00	17.00
	550.00	20.20		6.20	-0.75	2.62	17.62
	575.00	20.61		6.61	1.69	3.84	18.84
	578.12	20.66		6.66	1.98	3.98	18.98
	600.00	20.97		6.97	3.73		19.86
I ₃ R ₃	625.00	21.27		7.27	5.37		20.68
	650.00	21.53		7.52	6.62		21.31
	675.00	21.72		7.72	7.47		21.73
	700.00	21.87		7.87	7.92		21.96
	716.09	21.93		7.93	8.00		22.00
	725.00	21.96		7.96	8.00		22.00
	750.00	22.00		8.00	8.00		22.00
L ₃ I ₄	755.88	22.00		8.00	8.00		22.00

Pavement	2205 Sq. Yds.
Curb	438 Lin. Ft.
Median	130 Lin. Ft.

40 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

16

Island
Width

16

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	11.00					11.00
	25.00	11.03					11.00
	50.00	11.14					11.00
	75.00	11.31					11.00
	100.00	11.54					11.00
	125.00	11.85					11.00
R ₁	141.18	12.08					11.00
	150.00	12.22					11.01
	175.00	12.67					11.10
	200.00	13.18					11.29
	225.00	13.76					11.59
	250.00	14.40					12.00
	275.00	15.12					12.52
	300.00	15.90					13.13
	325.00	16.75					13.86
	350.00	17.67					14.69
L ₂ M ₁ M ₂	358.58	18.00	4.00			-2.00	15.00
	375.00	18.62	4.42			-1.37	15.63
	400.00	19.51	5.01			-0.33	16.67
	425.00	20.31	5.54			0.82	17.82
I ₁ I ₂ M ₃ R ₂	448.58	21.00	6.00	6.00	-2.00	2.00	19.00
	450.00	21.04		6.03	-1.85	2.07	19.07
	475.00	21.69		6.46	0.57	3.28	20.28
M ₄	491.42	22.07		6.71	1.98	3.98	20.98
	500.00	22.25		6.83	2.64		21.32
	525.00	22.74		7.16	4.38		22.19
	550.00	23.15		7.43	5.78		22.89
	575.00	23.48		7.65	6.83		23.42
	600.00	23.72		7.82	7.55		23.78
	625.00	23.89		7.93	7.93		23.97
I ₃ R ₃	640.71	23.96		7.97	8.00		24.00
	650.00	23.98		7.99	8.00		24.00
L ₃ I ₄	665.93	24.00		8.00	8.00		24.00

Pavement 2102 Sq. Yds.
 Curb 430 Lin. Ft.
 Median 133 Lin. Ft.

40 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

18

Island
Width

16

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
R ₁	0.00	11.00					11.00
	25.00	11.00					11.04
L ₁	40.48	11.00					11.10
	50.00	11.01					11.16
	75.00	11.12					11.35
	100.00	11.34					11.63
	125.00	11.69					11.98
	150.00	12.16					12.41
	175.00	12.75					12.92
	200.00	13.46					13.51
	225.00	14.29					14.17
	250.00	15.25					14.92
L ₂ M ₁ M ₂	275.00	16.32					15.74
	300.00	17.52					16.64
	309.46	18.00	4.00			-2.00	17.00
	325.00	18.79	4.39			-1.38	17.62
	350.00	19.97	4.99			-0.32	18.68
	375.00	21.05	5.52			0.81	19.81
	I ₁ L ₂ M ₃ R ₂	399.46	22.00	6.00	6.00	-2.00	2.00
M ₄	400.00	22.02		6.01	-1.95	2.03	21.03
	425.00	22.88		6.44	0.40	3.20	22.20
	443.99	23.47		6.74	1.98	3.98	22.98
	450.00	23.64		6.82	2.43		23.21
	475.00	24.30		7.15	4.14		24.07
	500.00	24.84		7.42	5.54		24.77
	525.00	25.29		7.64	6.62		25.31
	550.00	25.62		7.81	7.39		25.70
I ₃ R ₃	575.00	25.85		7.93	7.85		25.93
	599.19	25.97		7.99	8.00		26.00
L ₃ I ₄	600.00	25.98		7.99	8.00		26.00
	616.86	26.00		8.00	8.00		26.00

Pavement 2110 Sq. Yds.
Curb 438 Lin. Ft.
Median 135 Lin. Ft.

40 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

22

Island
Width

16

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
R ₁	0.00	11.00					11.00
	25.00	11.00					11.04
	50.00	11.00					11.16
	75.00	11.00					11.36
	100.00	11.00					11.65
	125.00	11.00					12.01
L ₁	144.46	11.00					12.35
	150.00	11.00					12.46
	175.00	11.11					12.98
	200.00	11.35					13.59
	225.00	11.74					14.28
	250.00	12.26					15.05
	275.00	12.93					15.90
	300.00	13.74					16.83
	325.00	14.70					17.84
	350.00	15.79					18.94
M ₁ M ₂ M ₄ R ₂	375.00	17.03					20.11
	392.87	18.00	4.00			-2.00	21.00
	400.00	18.41	4.13			-1.64	21.36
	425.00	19.93	4.64			-0.44	22.56
	450.00	21.59	5.19			0.67	23.67
M ₃	475.00	23.40	5.80			1.70	24.70
	481.19	23.87	5.96			1.94	24.94
L ₂ I ₁ I ₂	482.87	24.00	6.00	6.00	-2.00	2.00	25.00
	500.00	25.25		6.41	-0.74	2.63	25.63
	525.00	26.80		6.93	0.94	3.47	26.47
M ₅	541.85	27.68		7.23	1.99	3.99	26.99
	550.00	28.05		7.35	2.45		27.22
	575.00	28.99		7.66	3.77		27.88
	600.00	29.63		7.87	4.92		28.46
	625.00	29.95		7.98	5.88		28.94
L ₃ I ₄	639.06	30.00		8.00	6.34		29.17
	650.00	30.00		8.00	6.66		29.33
	675.00	30.00		8.00	7.27		29.63
	700.00	30.00		8.00	7.69		29.84
	725.00	30.00		8.00	7.93		29.97
I ₃ R ₃	746.45	30.00		8.00	8.00		30.00

Pavement	2852 Sq. Yds.
Curb	531 Lin. Ft.
Median	149 Lin. Ft.

40 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

16

Island
Width

18

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	11.00					11.00
	25.00	11.05					11.00
R ₁	50.00	11.19					11.00
	75.00	11.42					11.00
	89.98	11.60					11.00
	100.00	11.74					11.01
	125.00	12.16					11.10
	150.00	12.67					11.30
	175.00	13.27					11.61
	200.00	13.96					12.02
	225.00	14.75					12.54
	250.00	15.63					13.17
L ₂ M ₁ M ₂	275.00	16.60					13.90
	300.00	17.67					14.73
	307.38	18.00	4.00			-2.00	15.00
	325.00	18.78	4.56			-1.33	15.67
	350.00	19.81	5.29			-0.28	16.72
I ₁ I ₂ M ₃ R ₂	375.00	20.74	5.96			0.88	17.88
	397.38	21.50	6.50	6.50	-2.50	2.00	19.00
	400.00	21.58		6.56	-2.24	2.14	19.14
	425.00	22.33		7.09	0.10	3.35	20.35
M ₄	450.00	22.99		7.56	2.16	4.43	21.43
	457.15	23.16		7.69	2.71	4.71	21.71
	475.00	23.55		7.97	3.95		22.36
	500.00	24.02		8.30	5.47		23.15
	525.00	24.40		8.57	6.71		23.80
	550.00	24.69		8.78	7.69		24.31
	575.00	24.88		8.92	8.40		24.68
L ₃ I ₄	600.00	24.98		8.99	8.83		24.91
	614.76	25.00		9.00	8.96		24.98
I ₃ R ₃	625.00	25.00		9.00	9.00		25.00
	627.93	25.00		9.00	9.00		25.00

Pavement 2013 Sq. Yds. Curb 465 Lin. Ft. Median 150 Lin. Ft.
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40 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

18

Island
Width

18

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
R ₁	0.00	11.00					11.00
	25.00	11.00					11.04
L ₁	50.00	11.00					11.16
	70.34	11.00					11.31
	75.00	11.00					11.35
	100.00	11.11					11.63
	125.00	11.37					11.98
	150.00	11.78					12.41
	175.00	12.34					12.92
	200.00	13.06					13.51
	225.00	13.93					14.17
	250.00	14.95					14.92
L ₂ M ₁ M ₂	275.00	16.13					15.74
	300.00	17.46					16.64
	309.46	18.00	4.00			-2.00	17.00
	325.00	18.89	4.49			-1.38	17.62
	350.00	20.22	5.23			-0.32	18.68
I ₁ I ₂ M ₃ R ₂	375.00	21.43	5.90			0.81	19.81
	399.46	22.50	6.50	6.50	-2.00	2.00	21.00
	400.00	22.52		6.51	-2.45	2.03	21.03
	425.00	23.50		7.05	-0.18	3.21	22.21
M ₄	450.00	24.35		7.53	1.84	4.26	23.26
	461.60	24.70		7.72	2.71	4.71	23.71
	475.00	25.08		7.94	3.61		24.19
	500.00	25.70		8.28	5.13		24.98
	525.00	26.20		8.55	6.40		25.64
	550.00	26.57		8.76	7.41		26.17
	575.00	26.83		8.91	8.18		26.57
L ₃ I ₄	600.00	26.97		8.98	8.69		26.84
	616.90	27.00		9.00	8.90		26.95
I ₃ R ₃	625.00	27.00		9.00	8.96		26.98
	639.14	27.00		9.00	9.00		27.00

Pavement	2195 Sq. Yds.
Curb	483 Lin. Ft.
Median	152 Lin. Ft.

40 MPH

TYPE

Approach Pavement Width

22

Divided Pavement Width

22

Island Width

18

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE			
		Pavement	Median	Island	Island	Median	Pavement	
R ₁	0.00	11.00					11.00	
	25.00	11.00					11.04	
	50.00	11.00					11.16	
	75.00	11.00					11.35	
	100.00	11.00					11.62	
	125.00	11.00					11.97	
	150.00	11.00					12.40	
	152.38	11.00					12.44	
L ₁	175.00	11.06					12.91	
	200.00	11.26					13.49	
	225.00	11.60					14.15	
	250.00	12.08					14.89	
	275.00	12.70					15.71	
	300.00	13.47					16.60	
	325.00	14.38					17.57	
	350.00	15.43					18.62	
M ₁ M ₂	375.00	16.62					19.75	
	400.00	17.96					20.96	
	400.79	18.00	4.00			-2.00	21.00	
	425.00	19.43	4.47			-0.75	22.25	
	450.00	21.05	5.01			0.61	23.61	
	475.00	22.81	5.60			2.05	25.05	
	L ₂ I ₁ I ₂ M ₃ R ₂	490.79	24.00	6.00	6.00	-2.00	3.00	26.00
		500.00	24.69		6.24	-0.79	3.55	26.55
I ₃	521.08	26.14		6.83	1.71	4.68	27.68	
	525.00	26.38		6.94	2.13	4.87	27.87	
M ₄	538.09	27.16		7.29	3.47	5.47	28.47	
	550.00	27.81		7.58	4.53		28.97	
	575.00	28.98		8.10	6.42		29.82	
	600.00	29.88		8.50	7.79		30.45	
	625.00	30.51		8.78	8.65		30.84	
	650.00	30.89		8.95	8.99		31.00	
I ₅ R ₃	654.39	30.93		8.97	9.00		31.00	
L ₃ I ₄	673.01	31.00		9.00	9.00		31.00	

Pavement 2463 Sq. Yds.
 Curb 368 Lin. Ft.
 Median 137 Lin. Ft.

40 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

14

Island
Width

22

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	11.00					11.00
	25.00	11.05					11.00
	50.00	11.19					11.00
	75.00	11.42					11.00
	100.00	11.74					11.00
	125.00	12.16					11.00
	150.00	12.67					11.00
R ₁	152.46	12.72					11.00
	175.00	13.27					11.04
	200.00	13.96					11.19
	225.00	14.75					11.44
	250.00	15.63					11.79
	275.00	16.60					12.25
	300.00	17.67					12.81
L ₂ M ₁ M ₂	307.38	18.00	4.00			-2.00	13.00
	325.00	18.78	4.77			-1.52	13.48
	350.00	19.81	5.80			-0.75	14.25
	375.00	20.74	6.73			0.13	15.13
I ₁ I ₂ M ₃ R ₂	397.38	21.50	7.50	7.50	-3.50	1.00	16.00
	400.00	21.58		7.58	-3.33	1.11	16.11
	425.00	22.33		8.33	-1.74	2.09	17.09
	450.00	22.99		8.99	-0.24	3.02	18.02
	475.00	23.55		9.55	1.16	3.89	18.89
	500.00	24.02		10.02	2.47	4.70	19.70
	512.14	24.22		10.22	3.08	5.08	20.08
M ₄	525.00	24.40		10.40	3.68		20.46
	550.00	24.69		10.69	4.81		21.15
	575.00	24.88		10.88	5.83		21.79
	600.00	24.98		10.98	6.77		22.37
L ₃ I ₄	614.76	25.00		11.00	7.28		22.69
	625.00	25.00		11.00	7.61		22.90
	650.00	25.00		11.00	8.36		23.36
	675.00	25.00		11.00	9.01		23.77
	700.00	25.00		11.00	9.58		24.12
	725.00	25.00		11.00	10.04		24.41
	750.00	25.00		11.00	10.42		24.64
	775.00	25.00		11.00	10.70		24.81
	800.00	25.00		11.00	10.89		24.93
I ₃ R ₃	825.00	25.00		11.00	10.99		24.99
	838.24	25.00		11.00	11.00		25.00

Pavement 2551 Sq. Yds.
Curb 885 Lin. Ft.
Median 205 Lin. Ft.

40 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

16

Island
Width

22

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	11.00					11.00
	25.00	11.03					11.00
	50.00	11.14					11.00
	75.00	11.31					11.00
	100.00	11.55					11.00
	125.00	11.87					11.00
R ₁	137.73	12.05					11.00
	150.00	12.25					11.01
	175.00	12.70					11.12
	200.00	13.22					11.33
	225.00	13.81					11.64
	250.00	14.47					12.07
	275.00	15.20					12.59
	300.00	15.99					13.23
	325.00	16.86					13.97
	350.00	17.80					14.71
M ₁ M ₂	355.13	18.00	4.00			-2.00	15.00
	375.00	18.81	4.55			-1.24	15.76
	400.00	19.88	5.33			-0.18	16.82
	425.00	21.03	6.21			0.99	17.99
M ₃	441.63	21.83	6.86			1.82	18.82
L ₂ I ₁ I ₂ M ₄ R ₂	445.13	22.00	7.00	7.00	-3.00	2.00	19.00
	450.00	22.24		7.19	-2.56	2.25	19.25
	475.00	23.37		8.09	-0.41	3.48	20.48
	500.00	24.34		8.87	1.56	4.60	21.60
	525.00	25.17		9.53	3.34	5.62	22.62
	534.56	25.44		9.75	3.98	5.98	22.98
M ₅	550.00	25.84		10.07	4.93		23.53
	575.00	26.36		10.49	6.34		24.33
	600.00	26.73		10.78	7.56		25.03
	625.00	26.94		10.95	8.59		25.62
	647.46	27.00		11.00	9.37		26.07
	650.00	27.00		11.00	9.45		26.11
L ₃ I ₄	675.00	27.00		11.00	10.11		26.49
	700.00	27.00		11.00	10.59		26.77
	725.00	27.00		11.00	10.89		26.94
	750.00	27.00		11.00	11.00		27.00
	752.53	27.00		11.00	11.00		27.00
	I ₃ R ₃	752.53	27.00		11.00	11.00	

Pavement 2425 Sq. Yds.
 Curb 618 Lin. Ft.
 Median 179 Lin. Ft.

40 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

18

Island
Width

22

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE			
		Pavement	Median	Island	Island	Median	Pavement	
L ₁	0.00	11.00					11.00	
	25.00	11.03					11.00	
R ₁	45.67	11.12					11.00	
	50.00	11.14					11.00	
	75.00	11.31					11.05	
	100.00	11.55					11.18	
	125.00	11.87					11.39	
	150.00	12.25					11.68	
	175.00	12.70					12.05	
	200.00	13.32					12.49	
	225.00	13.81					13.01	
	250.00	14.47					13.62	
M ₁ M ₂	275.00	15.20					14.29	
	300.00	15.99					15.05	
	325.00	16.86					15.89	
	350.00	17.80					16.80	
	355.13	18.00	4.00			-2.00	17.00	
	375.00	18.81	4.38			-1.20	17.80	
	400.00	19.88	4.91			-0.13	18.87	
	425.00	21.03	5.49			1.02	20.02	
	L ₂ I ₁ I ₂ M ₃ R ₂	445.13	22.00	6.00	6.00	-2.00	2.00	21.00
		450.00	22.24		6.13	-1.61	2.24	21.24
475.00		23.40		6.82	0.32	3.43	22.43	
I ₃	497.60	24.35		7.48	1.92	4.41	23.41	
	500.00	24.45		7.56	2.09	4.51	23.51	
M ₄	516.44	25.08		8.03	3.17	5.17	24.17	
	525.00	25.39		8.27	3.69		24.50	
	550.00	26.22		8.90	5.14		25.39	
	575.00	26.95		9.45	6.42		26.18	
	600.00	27.56		9.91	7.55		26.88	
	625.00	28.07		10.29	8.52		27.47	
	650.00	28.46		10.59	9.33		27.97	
	675.00	28.75		10.81	9.98		28.37	
	700.00	28.93		10.95	10.47		28.67	
	725.00	29.00		11.00	10.80		28.88	
L ₃ I ₄	728.39	29.00		11.00	10.83		28.90	
	750.00	29.00		11.00	10.97		28.98	
I ₅ R ₃	764.70	29.00		11.00	11.00		29.00	

Pavement 2663 Sq. Yds.
 Curb 643 Lin. Ft.
 Median 161 Lin. Ft.

40 MPH

TYPE

Approach
Pavement Width

22

Divided
Pavement Width

22

Island
Width

22

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
R ₁	0.00	11.00					11.00
	25.00	11.00					11.04
	50.00	11.00					11.16
	75.00	11.00					11.35
	100.00	11.00					11.62
	125.00	11.00					11.97
	150.00	11.00					12.40
	L ₁	152.38	11.00				
	175.00	11.06					12.91
	200.00	11.26					13.49
	225.00	11.60					14.15
	250.00	12.08					14.89
	275.00	12.70					15.71
	300.00	13.47					16.60
	325.00	14.38					17.57
	350.00	15.43					18.62
	375.00	16.62					19.75
	400.00	17.96					20.96
M ₁ M ₂	400.79	18.00	4.00			-2.00	21.00
	425.00	19.43	4.47			-0.75	22.25
	450.00	21.05	5.01			0.61	23.61
	475.00	22.81	5.60			2.05	25.05
L ₂ I ₁ I ₂ M ₃ R ₂	490.79	24.00	6.00	6.00	-2.00	3.00	26.00
	500.00	24.69		6.24	-0.97	3.55	26.55
	525.00	26.44		6.94	1.60	4.94	27.94
	550.00	27.98		7.69	3.86	6.15	29.15
M ₄	557.07	28.38		7.91	4.47	6.47	29.47
	575.00	29.31		8.49	5.81		30.20
I ₃	575.78	29.35		8.52	5.87		30.23
	600.00	30.44		9.26	7.45		31.09
	625.00	31.36		9.89	8.78		31.80
	650.00	32.08		10.37	9.80		32.35
	675.00	32.59		10.72	10.50		32.73
	700.00	32.90		10.93	10.90		32.95
	I ₅ R ₃	719.83	33.00		11.00	11.00	
	725.00	33.00		11.00	11.00		33.00
L ₃ I ₄	725.07	33.00		11.00	11.00		33.00

Pavement	2722 Sq. Yds.
Curb	472 Lin. Ft.
Median	156 Lin. Ft.

40 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

18

Island
Width

12

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	12.00					12.00
R ₁	11.02	12.01					12.00
	25.00	12.04					12.01
	50.00	12.16					12.09
	75.00	12.36					12.23
	100.00	12.63					12.45
	125.00	12.99					12.74
	150.00	13.43					13.10
	175.00	13.94					13.53
	200.00	14.54					14.03
	225.00	15.21					14.61
	250.00	15.97					15.25
	275.00	16.80					15.97
	300.00	17.72					16.75
L ₂ M ₁ M ₂	307.35	18.00	4.00			-2.00	17.00
	325.00	18.67	4.70			-1.39	17.61
	350.00	19.55	5.44			-0.46	18.54
	375.00	20.35	5.88			0.54	19.54
I ₁ I ₂ L ₄ M ₃ R ₂	397.35	21.00	6.00	6.00	-2.00	1.50	20.50
	400.00	21.07		6.00	-1.74	1.62	20.62
	425.00	21.71		6.00	0.54	2.61	21.61
M ₄	426.20	21.74		6.00	0.65	2.65	21.65
	450.00	22.28		6.00	2.42		22.43
	475.00	22.76		6.00	3.91		23.08
	500.00	23.16		6.00	5.00		23.56
	525.00	23.49		6.00	5.69		23.86
	550.00	23.73		6.00	5.99		23.99
I ₃ R ₃	556.43	23.78		6.00	6.00		24.00
	575.00	23.90		6.00	6.00		24.00
	600.00	23.99		6.00	6.00		24.00
L ₃	614.70	24.00		6.00	6.00		24.00

Pavement 2135 Sq. Yds.
Curb 322 Lin. Ft.
Median 119 Lin. Ft.

40 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

24

Island
Width

12

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE			
		Pavement	Median	Island	Island	Median	Pavement	
R ₁	0.00	12.00					12.00	
	25.00	12.00					12.03	
	50.00	12.00					12.12	
	75.00	12.00					12.27	
	100.00	12.00					12.47	
	125.00	12.00					12.74	
	150.00	12.00					13.06	
	175.00	12.00					13.44	
	200.00	12.00					13.89	
	225.00	12.00					14.39	
	250.00	12.00					14.95	
	L ₁	265.47	12.00					15.32
		275.00	12.01					15.56
		300.00	12.15					16.24
325.00		12.45					16.98	
350.00		12.91					17.77	
375.00		13.52					18.63	
400.00		14.29					19.54	
425.00		15.22					20.51	
450.00		16.32					21.55	
475.00		17.56					22.64	
M ₁ M ₂ M ₃ R ₂	483.03	18.00	4.00			-2.00	23.00	
	500.00	18.97	4.68			-1.25	23.75	
	525.00	20.54	5.43			-0.22	24.78	
	550.00	22.27	5.87			0.72	25.72	
L ₂ I ₁ I ₂ I ₄	573.03	24.00	6.00	6.00	-2.00	1.50	26.50	
	575.00	24.15		6.00	-1.86	1.56	26.56	
	600.00	25.92		6.00	-0.14	2.31	27.31	
M ₄	612.61	26.69		6.00	0.66	2.66	27.66	
	625.00	27.37		6.00	1.37		27.97	
	650.00	28.50		6.00	2.66		28.54	
	675.00	29.32		6.00	3.75		29.01	
	700.00	29.82		6.00	4.62		29.39	
	725.00	30.00		6.00	5.28		29.68	
L ₃	726.81	30.00		6.00	5.32		29.70	
	750.00	30.00		6.00	5.72		29.88	
	775.00	30.00		6.00	5.96		29.98	
I ₃ R ₃	790.41	30.00		6.00	6.00		30.00	

Pavement	3094 Sq. Yds.
Curb	438 Lin. Ft.
Median	130 Lin. Ft.

40 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

14

Island
Width

16

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	12.00					12.00
	25.00	12.03					12.00
	50.00	12.11					12.00
	75.00	12.24					12.00
	100.00	12.42					12.00
	125.00	12.66					12.00
	150.00	12.95					12.00
	175.00	13.30					12.00
	200.00	13.69					12.00
	225.00	14.14					12.00
	250.00	14.65					12.00
R ₁	275.00	15.20					12.00
	289.82	15.56					12.00
	300.00	15.81					12.01
L ₂	325.00	16.47					12.15
	343.58	17.00					12.36
	350.00	17.19					12.45
M ₁ M ₂	375.00	17.87					12.90
	379.85	18.00	4.00			-2.00	13.00
	400.00	18.51	4.50			-1.50	13.50
	425.00	19.09	5.09			-0.75	14.25
	450.00	19.62	5.62			0.17	15.17
I ₁ I ₂ M ₃ R ₂	469.85	20.00	6.00	6.00	-2.00	1.00	16.00
	475.00	20.09		6.09	-1.62	1.23	16.23
	500.00	20.52		6.51	0.11	2.27	17.27
	505.55	20.60		6.60	0.48	2.48	17.48
M ₄	525.00	20.89		6.89	1.67		18.20
	550.00	21.20		7.20	3.06		19.03
	575.00	21.47		7.47	4.27		19.76
	600.00	21.68		7.68	5.32		20.39
	625.00	21.84		7.84	6.19		20.91
	650.00	21.94		7.94	6.89		21.34
	675.00	21.99		7.99	7.42		21.65
	687.16	22.00		8.00	7.62		21.77
L ₃ I ₄	700.00	22.00		8.00	7.78		21.87
	725.00	22.00		8.00	7.97		21.98
I ₃ R ₃	739.90	22.00		8.00	8.00		22.00

Pavement	2260 Sq. Yds.
Curb	544 Lin. Ft.
Median	126 Lin. Ft.

40 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

16

Island
Width

16

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE			
		Pavement	Median	Island	Island	Median	Pavement	
L ₁	0.00	12.00					12.00	
	25.00	12.04					12.00	
	50.00	12.16					12.00	
	75.00	12.36					12.00	
	100.00	12.63					12.00	
	R ₁	116.56	12.86					12.00
		125.00	12.99					12.01
		150.00	13.43					12.09
		175.00	13.94					12.28
		200.00	14.54					12.57
225.00		15.21					12.97	
250.00		15.97					13.47	
275.00		16.80					14.07	
300.00		17.71					14.77	
L ₂ M ₁ M ₂		307.35	18.00	4.00			-2.00	15.00
	325.00	18.67	4.45			-1.42	15.58	
	350.00	19.55	5.03			-0.51	16.49	
	375.00	20.35	5.57			0.51	17.51	
I ₁ I ₂ M ₃ R ₂	397.35	21.00	6.00	6.00	-2.00	1.50	18.50	
	400.00	21.07		6.05	-1.78	1.62	18.62	
	425.00	21.71		6.48	0.20	2.71	19.71	
M ₄	440.47	22.07		6.72	1.32	3.32	20.32	
	450.00	22.28		6.85	1.95		20.67	
	475.00	22.76		7.17	3.47		21.51	
	500.00	23.16		7.44	4.78		22.23	
	525.00	23.49		7.66	5.86		22.82	
	550.00	23.73		7.82	6.72		23.30	
	575.00	23.90		7.93	7.36		23.65	
	600.00	23.99		7.99	7.78		23.88	
L ₃ I ₄	614.70	24.00		8.00	7.93		23.96	
	625.00	24.00		8.00	7.98		23.99	
I ₃ R ₃	634.94	24.00		8.00	8.00		24.00	

Pavement	2086 Sq. Yds.
Curb	479 Lin. Ft.
Median	133 Lin. Ft.

40 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

18

Island
Width

16

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	12.00					12.00
	25.00	12.04					12.00
R ₁	45.88	12.13					12.00
	50.00	12.16					12.00
	75.00	12.35					12.06
	100.00	12.63					12.21
	125.00	12.98					12.45
	150.00	13.41					12.78
	175.00	13.92					13.20
	200.00	14.51					13.71
	225.00	15.17					14.31
	250.00	15.92					15.00
M ₁ M ₂	275.00	16.74					15.78
	300.00	17.64					16.65
	309.46	18.00	4.00			-2.00	17.00
	325.00	18.62	4.30			-1.39	17.61
	350.00	19.68	4.82			-0.34	18.66
	375.00	20.81	5.39			0.80	19.80
	395.43	21.80	5.90			1.80	20.80
L ₂ I ₁ I ₂ M ₄ R ₂	399.46	22.00	6.00	6.00	-2.00	2.00	21.00
	400.00	22.03		6.01	-1.94	2.03	21.03
	425.00	23.18		6.59	0.44	3.22	22.22
M ₃	443.24	23.89		6.94	1.98	3.98	22.98
	450.00	24.13		7.06	2.49		23.24
	475.00	24.89		7.44	4.22		24.11
	500.00	25.45		7.72	5.62		24.81
	525.00	25.82		7.91	6.70		25.35
L ₃ I ₄	550.00	25.99		7.99	7.46		25.73
	559.24	26.00		8.00	7.65		25.83
I ₃ R ₃	575.00	26.00		8.00	7.89		25.94
	595.89	26.00		8.00	8.00		26.00

Pavement	2077 Sq. Yds.
Curb	396 Lin. Ft.
Median	134 Lin. Ft.

40 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

24

Island
Width

16

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
R ₁	0.00	12.00					12.00
	25.00	12.00					12.05
	50.00	12.00					12.19
	75.00	12.00					12.44
	100.00	12.00					12.78
	125.00	12.00					13.22
	150.00	12.00					13.75
	175.00	12.00					14.38
	L ₁	184.71	12.00				14.66
	200.00	12.04				15.11	
	225.00	12.27				15.94	
	250.00	12.70				16.87	
	275.00	13.34				17.89	
	300.00	14.18				19.01	
	325.00	15.23				20.23	
	350.00	16.49				21.54	
	375.00	17.95				22.96	
M ₁ M ₂ M ₃ R ₂	375.76	18.00	4.00			-2.00	23.00
	400.00	19.62	4.47			-0.64	24.36
	425.00	21.50	5.01			0.65	25.65
	450.00	23.58	5.60			1.82	26.82
L ₂ I ₁ I ₂	465.76	25.00	6.00	6.00	-2.00	2.50	27.50
I ₃	467.32	25.14		6.04	-1.86	2.56	27.56
	475.00	25.83		6.24	-1.17	2.87	27.87
	500.00	27.81		6.80	0.91	3.81	28.81
M ₄	522.18	29.25		7.21	2.53	4.53	29.53
	525.00	29.41		7.26	2.71		29.62
	550.00	30.63		7.61	4.25		30.31
	575.00	31.46		7.85	5.53		30.89
	600.00	31.91		7.97	6.54		31.34
L ₃ I ₄	617.09	32.00		8.00	7.08		31.58
	625.00	32.00		8.00	7.28		31.68
	650.00	32.00		8.00	7.77		31.90
	675.00	32.00		8.00	7.99		31.99
I ₃ R ₃	683.20	32.00		8.00	8.00		32.00

Pavement 2767 Sq. Yds.
Curb 438 Lin. Ft.
Median 146 Lin. Ft.

40 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

14

Island
Width

18

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	12.00					12.00
	25.00	12.07					12.00
	50.00	12.28					12.00
	75.00	12.64					12.00
	100.00	13.13					12.00
	125.00	13.77					12.00
	150.00	14.55					12.00
R ₁	154.66	14.71					12.00
	175.00	15.47					12.05
L ₂	175.64	15.50					12.05
	200.00	16.44					12.25
	225.00	17.34					12.61
M ₁ M ₂	244.69	18.00	4.00			-2.00	13.00
	250.00	18.17	4.16			-1.88	13.12
	275.00	18.94	4.93			-1.21	13.79
	300.00	19.64	5.63			-0.39	14.61
	325.00	20.27	6.27			0.58	15.85
I ₁ I ₂ M ₃ R ₂	334.69	20.50	6.50	6.50	-2.50	1.00	16.00
	350.00	20.84		6.84	-1.41	1.66	16.66
	375.00	21.34		7.34	0.26	2.68	17.68
M ₄	391.99	21.64		7.64	1.32	3.37	18.32
	400.00	21.78		7.78	1.78		18.60
	425.00	22.15		8.14	3.15		19.44
	450.00	22.45		8.45	4.38		20.19
	475.00	22.69		8.69	5.47		20.85
	500.00	22.86		8.86	6.40		21.42
	525.00	22.96		8.96	7.20		21.90
	550.00	23.00		9.00	7.85		22.30
L ₃ I ₄	552.02	23.00		9.00	7.89		22.33
	575.00	23.00		9.00	8.35		22.61
	600.00	23.00		9.00	8.71		22.83
	625.00	23.00		9.00	8.93		22.96
I ₃ R ₃	649.74	23.00		9.00	9.00		23.00

Pavement	2018 Sq. Yds.
Curb	634 Lin. Ft.
Median	147 Lin. Ft.

40 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

16

Island
Width

18

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	12.00					12.00
	25.00	12.03					12.00
	50.00	12.12					12.00
	75.00	12.28					12.00
	100.00	12.49					12.00
	125.00	12.77					12.00
	150.00	13.11					12.00
	175.00	13.51					12.00
R ₁	177.87	13.56					12.00
	200.00	13.97					12.05
	225.00	14.50					12.23
	250.00	15.09					12.54
	275.00	15.73					12.97
	300.00	16.44					13.54
	325.00	17.22					14.23
M ₁ M ₂	348.58	18.00	4.00			-2.00	15.00
	350.00	18.05	4.03			-1.95	15.05
	375.00	18.94	4.52			-1.00	16.00
	400.00	19.90	5.06			0.08	17.08
	425.00	20.92	5.65			1.29	18.29
L ₂ I ₁ I ₂ M ₃ R ₂	438.58	21.50	6.00	6.00	-2.00	2.00	19.00
	450.00	21.98		6.30	-0.90	2.60	19.60
	475.00	22.90		7.00	1.30	3.80	20.80
I ₃	483.72	23.18		7.26	2.00	4.18	21.18
M ₄	488.40	23.33		7.40	2.38	4.38	21.38
	500.00	23.66		7.71	3.22		21.38
	525.00	24.24		8.28	4.87		21.85
	550.00	24.66		8.68	6.24		22.74
	575.00	24.92		8.92	7.33		23.49
	600.00	25.00		9.00	8.15		24.09
L ₃ I ₄	600.16	25.00		9.00	8.16		24.54
	625.00	25.00		9.00	8.70		24.84
	650.00	25.00		9.00	8.97		24.98
I ₅ R ₃	662.05	25.00		9.00	9.00		25.00

Pavement	2159 Sq. Yds.
Curb	450 Lin. Ft.
Median	140 Lin. Ft.

40 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

18

Island
Width

18

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	12.00					12.00
	25.00	12.04					12.00
R ₁	50.00	12.16					12.00
	75.00	12.35					12.00
	91.98	12.53					12.00
	100.00	12.63					12.01
	125.00	12.98					12.12
	150.00	13.41					12.36
	175.00	13.92					12.73
	200.00	14.51					13.23
	225.00	15.17					13.87
	250.00	15.92					14.64
M ₁ M ₂	275.00	16.74					15.54
	300.00	17.64					16.57
	309.46	18.00	4.00			-2.00	17.00
	325.00	18.62	4.30			-1.76	17.74
	350.00	19.68	4.82			0.04	19.04
L ₂ I ₁ I ₂ M ₃ R ₂	375.00	20.81	5.39			1.47	20.47
	399.46	22.00	6.00	6.00	-2.00	3.00	22.00
	400.00	22.03		6.01	-1.92	3.04	22.04
I ₃	418.00	22.89		6.50	0.51	4.14	23.14
	425.00	23.20		6.69	1.36	4.52	23.52
M ₄	443.91	23.98		7.16	3.47	5.47	24.47
	450.00	24.21		7.30	4.06		24.75
	475.00	25.07		7.82	6.16		25.71
	500.00	25.77		8.25	7.69		26.40
	525.00	26.31		8.58	8.63		26.83
I ₅ R ₃	550.00	26.70		8.82	9.00		27.00
	553.20	26.74		8.84	9.00		27.00
L ₃ I ₄	575.00	26.93		8.96	9.00		27.00
	599.19	27.00		9.00	9.00		27.00

Pavement 2074 Sq. Yds. Curb 403 Lin. Ft. Median 134 Lin. Ft.
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40 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

24

Island
Width

18

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE			
		Pavement	Median	Island	Island	Median	Pavement	
R ₁	0.00	12.00					12.00	
	25.00	12.00					12.06	
	50.00	12.00					12.24	
	75.00	12.00					12.54	
	100.00	12.00					12.96	
	L ₁	120.67	12.00					13.40
		125.00	12.00					13.50
		150.00	12.11					14.16
		175.00	12.37					14.94
		200.00	12.80					15.84
225.00		13.38					16.86	
250.00		14.12					18.01	
275.00		15.02					19.27	
300.00		16.08					20.65	
325.00		17.29					22.16	
M ₁ M ₂ M ₄ R ₂	338.23	18.00	4.00			-2.00	23.00	
	350.00	18.67	4.22			-1.25	23.75	
	375.00	20.20	4.73			0.25	25.25	
	400.00	21.90	5.30			1.62	26.62	
	425.00	23.75	5.92			2.85	27.85	
M ₃	428.12	23.99	6.00			2.99	27.99	
L ₂ I ₁ I ₂	428.23	24.00	6.00	6.00	-2.00	3.00	28.00	
	450.00	25.62		6.54	0.10	3.95	28.95	
	475.00	27.28		7.09	2.23	4.92	29.92	
M ₅	491.44	28.26		7.42	3.48	5.48	30.48	
	500.00	28.73		7.58	4.07		30.76	
	525.00	29.97		7.99	5.62		31.46	
	550.00	31.00		8.33	6.87		32.03	
	575.00	31.81		8.60	7.84		32.47	
	600.00	32.41		8.80	8.52		32.78	
	625.00	32.81		8.94	8.90		32.95	
I ₃ R ₃	645.71	32.97		8.99	9.00		33.00	
	650.00	32.99		9.00	9.00		33.00	
L ₃ I ₄	658.90	33.00		9.00	9.00		33.00	

Pavement 2698 Sq. Yds. Curb 465 Lin. Ft. Median 153 Lin. Ft.
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40 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

14

Island
Width

22

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	12.00					12.00
	25.00	12.05					12.00
	50.00	12.22					12.00
	75.00	12.49					12.00
	100.00	12.86					12.00
	125.00	13.35					12.00
	150.00	13.94					12.00
	175.00	14.65					12.00
R ₁	190.61	15.14					12.00
	200.00	15.46					12.02
	225.00	16.38					12.22
	250.00	17.40					12.66
L ₂ M ₁ M ₂	263.47	18.00	4.00			-2.00	13.00
	275.00	18.52	4.50			-1.66	13.34
	300.00	19.57	5.55			-0.75	14.25
	325.00	20.52	6.51			0.40	15.40
	350.00	21.39	7.38			1.79	16.79
I ₁ I ₂ M ₃ R ₂	353.47	21.50	7.50	7.50	-3.50	2.00	17.00
	375.00	22.16		8.15	-1.20	3.27	18.27
	400.00	22.84		8.83	1.23	4.60	19.60
	425.00	23.42		9.42	3.38	5.79	20.79
	436.38	23.66		9.66	4.28	6.28	21.28
M ₄	450.00	23.92		9.92	5.26		21.83
	475.00	24.32		10.32	6.88		22.72
	500.00	24.63		10.63	8.23		23.47
	525.00	24.84		10.84	9.31		24.07
	550.00	24.97		10.97	10.31		24.52
	570.85	25.00		11.00	10.60		24.78
L ₃ I ₄	575.00	25.00		11.00	10.68		24.82
	600.00	25.00		11.00	10.96		24.98
	614.05	25.00		11.00	11.00		25.00
I ₃ R ₃							

Pavement	1891 Sq. Yds.
Curb	525 Lin. Ft.
Median	173 Lin. Ft.

40 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

16

Island
Width

22

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
L ₁	0.00	12.00					12.00
	25.00	12.02					12.00
	50.00	12.09					12.00
	75.00	12.21					12.00
	100.00	12.37					12.00
	125.00	12.58					12.00
	150.00	12.84					12.00
	175.00	13.14					12.00
	200.00	13.50					12.00
	225.00	13.89					12.00
R ₁	229.87	13.98					12.00
	250.00	14.34					12.04
	275.00	14.83					12.21
	300.00	15.36					12.51
	325.00	15.95					12.93
	350.00	16.58					13.49
	375.00	17.26					14.17
	400.00	17.98					14.98
M ₁ M ₂	400.58	18.00	4.00			-2.00	15.00
	425.00	18.75	4.47			-1.08	15.92
	450.00	19.57	5.01			-0.01	16.99
	475.00	20.44	5.60			1.19	18.19
L ₂ I ₁ I ₂ M ₃ R ₂	490.58	21.00	6.00	6.00	-2.00	2.00	19.00
	500.00	21.34		6.25	-1.19	2.50	19.50
I ₃	518.22	21.97		6.75	0.30	3.42	20.42
	525.00	22.20		6.94	0.83	3.74	20.74
	550.00	22.98		7.61	2.67	4.87	21.87
M ₄	557.03	23.19		7.78	3.17	5.17	22.17
	575.00	23.70		8.21	4.33		22.89
	600.00	24.34		8.76	5.80		23.80
	625.00	24.92		9.24	7.09		24.59
	650.00	25.42		9.67	8.19		25.27
	675.00	25.86		10.04	9.12		25.84
	700.00	26.22		10.34	9.85		26.29
	725.00	26.52		10.59	10.41		26.64
	750.00	26.74		10.78	10.78		26.87
	775.00	26.90		10.91	10.97		26.98
I ₅ R ₃	788.53	26.95		10.96	11.00		27.00
	800.00	26.98		10.99	11.00		27.00
L ₃ I ₄	817.63	27.00		11.00	11.00		27.00

Pavement 2674 Sq. Yds.
 Curb 658 Lin. Ft.
 Median 156 Lin. Ft.

40 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

18

Island
Width

22

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE			
		Pavement	Median	Island	Island	Median	Pavement	
L ₁	0.00	12.00					12.00	
	25.00	12.04					12.00	
R ₁	45.88	12.13					12.00	
	50.00	12.16					12.00	
	75.00	12.35					12.06	
	100.00	12.63					12.21	
	125.00	12.98					12.45	
	150.00	13.41					12.78	
	175.00	13.92					13.20	
	200.00	14.51					13.71	
	225.00	15.17					14.31	
	250.00	15.92					15.00	
M ₁ M ₂	275.00	16.74					15.78	
	300.00	17.64					16.65	
	309.46	18.00	4.00			-2.00	17.00	
	325.00	18.62	4.30			-1.39	17.61	
	350.00	19.68	4.82			-0.34	18.66	
	375.00	20.81	5.39			0.80	19.80	
	L ₂ I ₁ I ₂ M ₃ R ₂	399.46	22.00	6.00	6.00	-2.00	2.00	21.00
400.00		22.03		6.01	-1.96	2.03	21.03	
425.00		23.22		6.69	0.03	3.25	22.25	
450.00		24.30		7.42	1.85	4.37	23.37	
454.16		24.47		7.55	2.14	4.54	23.54	
475.00		25.27		8.16	3.50	5.18	24.38	
M ₄		489.57	25.79		8.55	3.93	5.93	24.93
		500.00	26.13		8.81	4.99		25.30
	525.00	26.88		9.38	6.32		26.12	
	550.00	27.51		9.86	7.48		26.83	
	575.00	28.03		10.26	8.47		27.44	
	600.00	28.44		10.57	9.30		27.95	
	625.00	28.74		10.80	9.97		28.36	
	650.00	28.92		10.94	10.47		28.67	
	675.00	29.00		11.00	10.80		28.88	
	L ₃ I ₄	679.08	29.00		11.00	10.84		28.90
700.00		29.00		11.00	10.98		28.98	
I ₅ R ₃	713.75	29.00		11.00	11.00		29.00	

Pavement 2551 Sq. Yds.
Curb 632 Lin. Ft.
Median 180 Lin. Ft.

40 MPH

TYPE

Approach
Pavement Width

24

Divided
Pavement Width

24

Island
Width

22

Control Point	Station	OFFSETS TO LEFT EDGE			OFFSETS TO RIGHT EDGE		
		Pavement	Median	Island	Island	Median	Pavement
R ₁	0.00	12.00					12.00
	25.00	12.00					12.04
	50.00	12.00					12.14
	75.00	12.00					12.32
	100.00	12.00					12.58
	125.00	12.00					12.90
	150.00	12.00					13.29
	175.00	12.00					13.76
	200.00	12.00					14.30
	219.61	12.00					14.77
L ₁	225.00	12.00					14.91
	250.00	12.12					15.60
	275.00	12.39					16.35
	300.00	12.82					17.18
	325.00	13.41					18.08
	350.00	14.15					19.05
	375.00	15.06					20.09
	400.00	16.12					21.21
	425.00	17.35					22.40
	M ₁ M ₂	437.17	18.00	4.00			-2.00
450.00		18.73	4.24			-1.34	23.66
475.00		20.27	4.76			-0.01	24.99
500.00		21.97	5.32			1.39	26.39
L ₂ I ₁ I ₂ M ₃ R ₂	525.00	23.83	5.94			2.87	27.87
	527.17	24.00	6.00	6.00	-2.00	3.00	28.00
	550.00	25.71		6.62	0.45	4.32	29.32
	575.00	27.42		7.34	2.84	5.60	30.60
I ₃	580.45	27.77		7.51	3.32	5.86	30.86
	593.88	28.59		7.91	4.47	6.47	31.47
M ₄	600.00	28.95		8.08	4.92		31.72
	625.00	30.31		8.74	6.70		32.68
	650.00	31.50		9.31	8.17		33.47
	675.00	32.51		9.80	9.33		34.10
	700.00	33.35		10.21	10.19		34.56
	725.00	34.02		10.53	10.74		34.86
	750.00	34.52		10.77	10.99		34.99
	757.81	34.64		10.82	11.00		35.00
I ₅ R ₃	775.00	34.84		10.92	11.00		35.00
	800.00	34.99		10.99	11.00		35.00
	809.10	35.00		11.00	11.00		35.00
L ₃ I ₄							

Pavement	3269 Sq. Yds.
Curb	567 Lin. Ft.
Median	157 Lin. Ft.

FIGURE 1

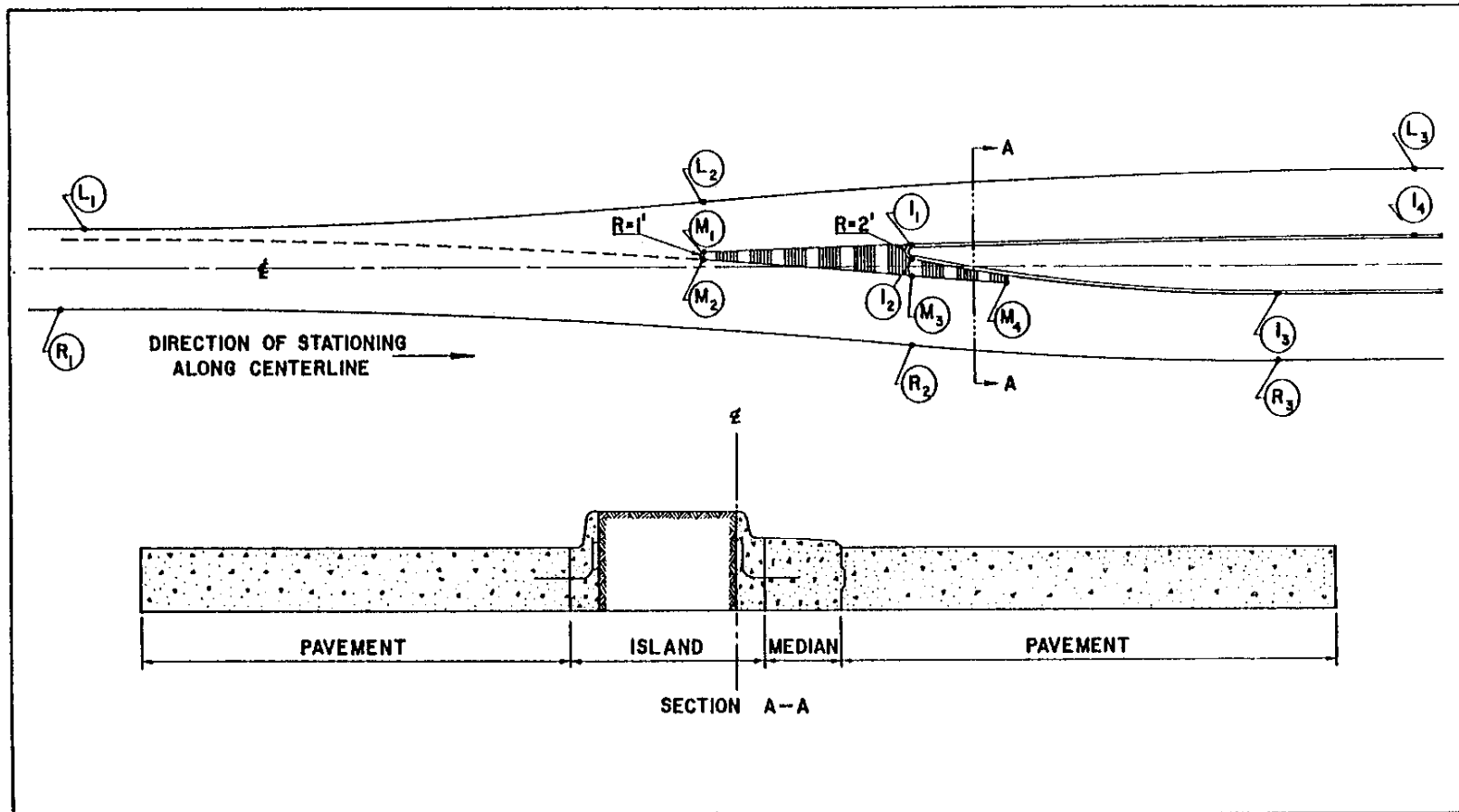


Figure 1 above provides the reference to nomenclature used in the tables of this pamphlet for design speeds of 70, 60, 50, and 40 MPH. The lengths of the curves, measured along the centerline of highway and indicated as stations, and the radius of curvature for the edges of pavements, median, and island shown in the following tables, pages 132 to 135 inclusive, conform to the design standards of the state of Illinois and were used for the computation of the preceding tables of offsets from centerline at 25-foot longitudinal intervals.

Longitudinal Dimensions That Apply to the Types of Approaches Illustrated in Figure 1

70 MPH

TYPE		L ₁	L ₂	L ₃	R ₁	R ₂	R ₃	M ₂	M ₃	M ₄	M ₁	I ₁	I ₄	I ₂	I ₃
22-14-12	Section	.00	237.26	477.25	99.36	477.25	717.73	327.25	477.25	521.25	327.25	4777.25	477.25	477.25	717.73
	Radius	7,032.25		5626.00	12984.46		8263.27	12999.46		8248.27	5612.00		TANGENT		3618.41
22-16-12	Section	32.63	335.76	706.25	.00	556.23	815.80	406.23	556.23	603.68	406.23	556.23	556.23	556.23	815.80
	Radius	9377.73		11253.50	20629.85		9626.98	20646.85		9609.98	5612.00		TANGENT		4215.04
22-18-12	Section	.00	597.53	1109.70	16.74	747.53	1016.77	597.53	747.53	796.74	597.53	747.53	747.53	747.53	1016.77
	Radius	25506.51		21862.68	28112.75		10357.49	28131.75		10338.49	5612.00		TANGENT		4534.64
22-22-12	Section	373.12	731.70	1243.95	.00	731.70	1243.89	731.70	731.70	947.99	731.70	881.70	881.70	881.70	1243.89
	Radius	9187.76		13125.01	26774.24		18741.97	1/		18718.97	5612.00		TANGENT		8202.85
22-14-16	Section	.00	597.53	1109.70	235.32	747.53	1067.66	597.53	747.53	819.41	597.53	747.53	1109.70	747.53	1067.66
	Radius	25506.51		21862.68	16401.51		10250.82	16418.51		10233.82	32789.15		32789.15		5129.16
22-16-16	Section	.00	597.53	1109.70	235.32	747.53	1067.66	597.53	747.53	819.41	597.53	747.53	1109.70	747.53	1067.66
	Radius	25506.51		21862.68	16401.51		10250.82	16418.51		10233.82	32789.15		32789.15		5129.16
22-18-16	Section	16.51	464.69	976.90	.00	614.69	878.13	464.69	614.59	683.28	464.69	614.69	976.90	614.69	878.13
	Radius	14351.02		16401.51	17977.73		7713.43	18016.73		7691.43	32789.15		32789.15		3475.03
22-14-18	Section	.00	436.30	1038.82	321.71	676.66	1031.61	526.66	676.66	769.16	526.66	676.66	1038.82	676.66	1031.61
	Radius	18735.05		26233.22	10502.13		10502.13	10517.13		10487.13	26219.22		26219.22		5483.55
22-16-18	Section	.00	512.19	1024.38	149.98	662.19	1046.35	512.19	662.19	762.33	512.19	662.19	1024.38	662.19	1046.35
	Radius	18741.97		18741.97	16401.51		12301.24	16418.51		12284.24	26236.36		26236.36		6422.22
22-18-18	Section	117.18	515.58	1027.81	.00	665.58	1064.93	515.58	665.58	769.68	515.58	665.58	1027.81	665.58	1064.93
	Radius	11340.83		14581.20	22154.89		13293.04	22173.89		13274.04	26240.46		26240.46		6939.68
22-22-18	Section	391.76	667.63	1179.96	.00	817.63	1090.17	667.63	817.63	904.66	667.63	817.63	1179.96	817.63	1090.17
	Radius	5439.52		10101.94	22291.49		7430.31	22314.49		7407.31	26250.70		26250.70		3235.23
24-14-12	Section	.00	212.11	424.22	124.20	424.22	724.24	274.22	424.22	464.22	274.22	424.22	424.22	424.22	724.24
	Radius	5626.00		5626.00	11253.50		11253.50	11268.50		11238.50	5612.00		TANGENT		5629.75
24-16-12	Section	.00	335.43	670.86	52.97	520.84	772.77	370.84	520.84	566.87	370.84	520.84	520.84	520.84	772.77
	Radius	11253.50		11253.50	16841.72		9068.71	16858.72		9051.71	5612.00		TANGENT		3970.80
24-18-12	Section	.00	512.17	1024.34	18.41	662.17	927.25	512.17	662.17	710.61	512.17	662.17	662.17	662.17	927.25
	Radius	21862.68		21862.68	24382.39		10039.95	24401.39		10020.95	5612.00		TANGENT		4395.71
24-24-12	Section	548.72	804.87	1317.17	.00	804.87	1317.06	804.87	804.87	1021.15	804.87	954.87	954.87	954.87	1317.06
	Radius	5470.72		10941.44	29451.67		18741.97	1/		18716.97	5612.00		TANGENT		8202.35
24-14-16	Section	.00	572.60	1145.20	483.03	783.05	1233.08	633.05	783.05	843.05	633.05	783.05	1145.20	783.05	1233.08
	Radius	32789.15		32789.15	11253.50		16880.25	11268.50		16865.25	32775.15		32775.15		10131.35
24-16-16	Section	.00	512.17	1024.34	194.30	662.17	1058.06	512.17	662.17	734.53	512.17	662.17	1024.34	662.17	1058.06
	Radius	21862.68		21862.68	16841.72		14250.83	16858.72		14233.83	32789.15		32789.15		7841.44
24-18-16	Section	12.35	396.51	908.72	.00	546.51	805.38	396.51	546.51	613.90	396.51	546.51	908.72	546.51	805.38
	Radius	12301.24		16401.51	15724.52		7448.21	15743.52		7429.21	32789.15		32789.15		3355.68
24-24-16	Section	406.48	626.06	1138.42	.00	626.06	1138.29	626.06	626.06	870.51	626.06	776.06	1138.42	776.06	1138.29
	Radius	4020.95		9382.41	17821.46		14581.20	1/		14556.20	32789.15		32789.15		6565.53
24-14-18	Section	.00	294.39	919.97	286.43	557.81	883.47	407.81	557.81	642.67	407.81	557.81	919.97	557.81	883.47
	Radius	12242.46		26233.22	7367.05		8840.87	7382.05		8825.87	26219.22		26219.22		4616.81
24-16-18	Section	.00	439.02	951.21	154.61	589.02	961.37	439.02	589.02	686.07	439.02	589.02	951.21	589.02	961.37
	Radius	16064.55		18741.97	13483.01		11556.71	13500.01		11539.71	26236.36		26236.36		6033.77
24-18-18	Section	20.76	362.25	874.48	.00	512.25	768.38	362.25	512.25	594.04	362.25	512.25	874.48	512.25	768.38
	Radius	9720.95		14581.20	13125.01		6562.76	13144.01		6543.76	26240.46		26240.46		2858.04
24-24-18	Section	358.52	563.48	1075.88	.00	563.48	1075.73	563.48	563.48	829.35	563.48	713.48	1075.88	713.48	1075.73
	Radius	3500.72		8759.33	14437.76		13125.01	1/		13100.01	26257.88		26257.88		5711.19
22-14-22	Section	.00	512.19	1024.38	254.04	662.19	1396.86	512.19	662.19	853.97	512.19	662.19	1024.38	662.19	1396.86
	Radius	18741.98		18741.98	16661.36		29990.01	16676.36		29975.01	18727.98		18727.98		18618.97
24-14-22	Section	.00	439.02	951.21	317.64	589.02	1023.23	439.02	589.02	727.86	439.02	589.02	951.21	589.02	1023.23
	Radius	16064.55		18741.98	7367.05		11787.65	7382.05		11772.65	18727.98		18727.98		6508.57

1/ Where station M₂ = M₃ there is no reverse curve on the right median edge.

Longitudinal Dimensions That Apply to the Types of Approaches Illustrated in Figure 1

60 MPH

TYPE		L ₁	L ₂	L ₃	R ₁	R ₂	R ₃	M ₂	M ₃	M ₄	M ₁	I ₁	I ₄	I ₂	I ₃
22-14-12	Section	.00	229.79	413.62	86.09	413.62	622.05	283.62	413.62	451.65	283.62	413.62	413.62	413.62	622.05
	Radius	5282.84		4226.00	9755.53		6207.90	9770.53		6192.90	4212.		TANGENT		2719.19
22-16-12	Section	.00	348.84	639.54	27.44	509.52	734.49	379.52	509.52	550.58	379.52	509.52	509.52	509.52	734.49
	Radius	10143.78		8453.10	15497.04		7231.96	15514.04		7214.96	4226.00		TANGENT		3167.22
22-18-12	Section	144.48	503.39	811.03	.00	633.39	866.74	503.39	633.39	675.98	503.39	633.39	633.39	633.39	866.74
	Radius	9204.67		7889.99	21119.79		7780.64	21138.79		7761.64	4226.00		TANGENT		3407.26
22-22-12	Section	213.69	764.16	993.52	.00	634.16	1078.07	634.16	634.16	821.57	634.16	764.16	764.16	764.16	1078.07
	Radius	12631.72		5263.10	20112.95		14078.82	1/		14055.82	4226.00		TANGENT		6162.72
22-14-16	Section	.00	595.51	1091.77	470.26	777.90	1034.27								
	Radius	29555.68		24629.59	7889.99		6575.06	7904.99		6560.06	24615.59		24615.59		3291.28
22-16-16	Section	.00	517.88	961.78	203.95	647.88	925.34	517.88	647.88	710.10	517.88	647.88	961.78	647.88	925.34
	Radius	19160.62		16423.70	12321.01		7700.91	12338.01		7683.91	24629.59		24629.59		3854.20
22-18-16	Section	58.42	446.86	890.79	.00	576.86	865.29	446.86	576.86	641.54	446.86	576.86	890.79	576.86	865.29
	Radius	10781.05		12321.01	16643.32		8321.69	16662.32		8302.69	24629.59		24629.59		4164.59
22-14-18	Section	.00	375.14	900.33	278.81	586.45	894.09	456.45	586.45	666.54	456.45	586.45	900.33	586.45	894.09
	Radius	14075.50		19705.38	7889.99		7889.99	7904.99		7874.99	19691.38		19691.38		4120.64
22-16-18	Section	.00	443.91	887.82	129.98	573.91	906.86	443.91	573.91	660.61	443.91	573.91	887.82	573.91	906.86
	Radius	14078.82		14078.82	12321.01		9240.98	12338.01		9223.98	19708.11		19708.11		4825.56
22-18-18	Section	101.56	446.86	890.82	.00	576.86	922.98	446.86	576.86	666.99	446.86	576.86	890.82	576.86	922.98
	Radius	8520.08		10954.57	16643.32		9986.25	16662.32		9967.25	19712.55		19712.55		5214.40
24-14-12	Section	.00	265.35	424.56	164.53	424.56	684.59	294.56	424.56	459.17	294.56	424.56	424.56	424.56	684.59
	Radius	7043.56		4226.00	8454.40		8454.40	8469.40		8439.40	4212.00		TANGENT		4229.98
24-16-12	Section	.00	390.05	650.08	76.15	520.05	815.98	390.05	520.05	559.47	390.05	520.05	520.05	520.05	815.98
	Radius	12681.25		8454.40	16423.70		10948.82	16440.70		10931.82	4212.00		TANGENT		5477.41
24-18-12	Section	.00	443.90	887.80	15.95	573.90	803.64	443.90	573.90	615.82	443.90	573.90	573.90	573.90	803.64
	Radius	16423.70		16423.70	18316.62		7541.82	18335.62		7522.82	4212.00		TANGENT		3302.78
24-24-12	Section	383.53	827.57	1049.59	.00	697.57	1141.48	697.57	697.57	884.96	697.57	827.57	827.57	827.57	1141.48
	Radius	7043.56		4226.00	8454.40		8454.40	8469.40		8439.40	4212.00		TANGENT		4229.98
24-14-16	Section	.00	496.26	992.52	418.62	678.65	1068.70	548.65	678.65	730.57	548.65	678.65	992.52	678.65	1068.70
	Radius	16423.70		16423.70	12652.46		10705.60	12669.46		10688.60	24629.59		24629.59		5891.57
24-16-16	Section	.00	443.90	887.80	168.39	573.90	917.02	443.90	573.90	636.53	443.90	573.90	887.80	573.90	917.02
	Radius	16423.70		1642.70	12652.46		10705.60	12669.46		10688.60	24629.59		24629.59		5891.57
24-14-18	Section	.00	253.69	797.31	223.40	483.43	938.48	353.43	483.43	566.58	353.43	483.43	797.31	483.43	938.48
	Radius	9195.84		19.705.38	8454.40		14794.25	8469.40		14779.25	19691.38		19691.38		9008.82
22-14-22	Section	.00	443.91	887.82	220.17	573.91	1210.64	443.91	573.91	740.03	443.91	573.91	887.82	573.91	1210.66
	Radius	14078.82		14078.82	12515.90		22528.12	12530.90		22513.12	14064.82		14064.82		13987.43
24-14-22	Section	.00	380.49	824.40	275.28	510.49	886.83	380.49	510.49	630.72	380.49	510.49	824.40	510.49	886.83
	Radius	12067.39		14078.82	5535.07		8855.99	5550.07		8840.99	14064.82		14064.82		4891.11

1/ Where station M₂ = M₃ there is no reverse curve on the right median edge.

Longitudinal Dimensions That Apply to the Types of Approaches Illustrated in Figure 1

50 MPH

TYPE		L ₁	L ₂	L ₃	R ₁	R ₂	R ₃	M ₂	M ₃	M ₄	M ₁	I ₁	I ₄	I ₂	I ₃
22-14-12	Section	.00	194.43	349.97	72.82	349.97	526.34	239.97	349.97	382.08	239.97	349.97	349.97	349.97	526.34
	Radius	3782.80		3026.00	6985.78		44445.52	7000.78		4430.52	3012.00		TANGENT		1948.15
22-16-12	Section	.00	295.19	541.18	23.20	431.15	621.53	321.15	431.15	465.82	321.15	431.15	431.15	431.15	621.53
	Radius	7264.43		6053.80	11098.78		5179.54	11115.78		5162.54	3026.00		TANGENT		2268.81
22-18-12	Section	122.25	425.97	686.30	.00	535.97	733.43	425.97	535.97	571.93	425.97	525.97	535.97	535.97	733.43
	Radius	6592.49		5650.78	15123.87		5571.81	15142.87		5552.81	3026.00		TANGENT		2440.90
22-22-12	Section	180.79	646.63	840.73	.00	536.63	912.27	536.63	536.63	716.85	536.63	646.63	646.63	646.63	912.27
	Radius	9047.94		3769.98	14403.59		10082.41	1/		10059.41	3026.00		TANGENT		4414.29
22-14-16	Section	.00	503.90	923.82	397.90	658.23	875.17	548.23	658.23	706.76	548.23	658.23	923.82	658.23	875.17
	Radius	21162.60		17635.51	5650.78		4708.80	5665.78		4693.80	17621.51		17621.51		2358.15
22-16-16	Section	.00	438.22	813.84	172.55	548.22	783.01	438.22	548.22	600.76	438.22	548.22	813.84	548.22	783.01
	Radius	13720.41		11760.50	8824.57		5515.13	8841.57		5498.13	17635.51		17635.51		2761.32
22-18-16	Section	49.44	378.15	753.82	.00	488.15	732.23	378.15	488.15	542.77	378.15	488.15	753.82	488.15	732.23
	Radius	7721.38		8824.57	11919.45		5960.00	11938.45		5941.00	17635.51		17635.51		2983.75
22-14-18	Section	.00	411.44	822.88	296.95	557.28	817.61	447.28	557.28	624.93	447.28	557.28	822.88	557.28	817.61
	Radius	14109.92		14109.92	5650.78		5650.78	5665.78		5635.78	14095.92		14095.92		2952.35
22-16-18	Section	.00	375.64	751.28	109.97	485.64	767.39	375.64	485.64	558.89	375.64	485.64	751.28	485.64	767.39
	Radius	10082.41		10082.41	8824.57		6618.26	8841.57		6601.26	14113.04		14113.04		3457.19
22-18-18	Section	85.95	378.15	753.84	.00	488.15	781.04	378.15	488.15	564.29	378.15	488.15	753.84	488.15	781.04
	Radius	6102.13		7845.71	11919.45		7151.71	11938.45		7132.71	14116.80		14116.80		3735.51
24-14-12	Section	.00	224.52	359.23	139.20	359.23	579.26	249.23	359.23	388.44	249.23	359.23	359.23	359.23	579.26
	Radius	5043.42		3026.00	6053.80		6053.80	6068.80		6038.80	3012.00		TANGENT		3029.83
24-16-12	Section	.00	330.05	550.08	64.43	440.05	690.46	330.05	440.05	473.33	330.05	440.05	440.05	440.05	690.46
	Radius	9080.75		6053.80	11760.50		7840.15	11777.50		7823.15	3012.00		TANGENT		3923.07
24-18-12	Section	.00	375.62	751.24	13.47	485.62	680.03	375.62	485.62	521.02	375.62	485.62	485.62	485.62	680.03
	Radius	11760.50		11760.50	13117.76		5401.07	13136.76		5382.07	3012.00		TANGENT		2366.20
24-24-12	Section	324.50	700.29	888.19	.00	590.29	965.93	590.29	590.29	748.78	590.29	700.29	700.29	700.29	965.93
	Radius	5890.03		2945.20	15843.79		10082.41	1/		10057.41	3026.00		TANGENT		4414.29
24-14-16	Section	.00	419.92	839.84	354.22	574.25	904.30	464.25	574.25	618.07	464.25	574.25	839.84	574.25	904.30
	Radius	17635.51		17635.51	6053.80		9080.75	6068.80		9065.75	17621.15		17621.51		5451.65
24-16-16	Section	.00	375.62	751.24	142.47	485.62	775.98	375.62	485.62	538.51	375.62	485.62	751.24	485.62	775.98
	Radius	11760.50		11760.50	9061.32		7667.20	9078.32		7650.20	17635.51		17635.51		4220.45
24-14-18	Section	.00	214.66	674.65	189.02	409.05	794.10	299.05	409.05	479.29	299.05	409.05	674.65	409.05	794.10
	Radius	6584.45		14109.92	6053.80		10593.75	6068.80		10578.75	14095.92		14095.92		6451.99
22-14-22	Section	.00	375.64	751.28	186.30	485.65	1024.45	375.64	485.64	626.10	375.64	485.64	751.28	485.64	1024.45
	Radius	10082.41		10082.41	8963.41		16133.18	8978.41		16118.18	10068.41		10068.41		10018.15
24-14-22	Section	.00	321.98	697.62	232.95	431.98	750.43	321.98	431.98	533.57	321.98	431.98	697.62	431.98	750.43
	Radius	8642.26		10082.41	3963.67		6342.15	3978.67		6327.15	10068.41		10068.41		350416

1/ Where station M₂ = M₃ there is no reverse curve on the right median edge.

Longitudinal Dimensions That Apply to the Types of Approaches Illustrated in Figure 1

40 MPH

TYPE		L ₁	L ₂	L ₃	R ₁	R ₂	R ₃	M ₂	M ₃	M ₄	M ₁	I ₁	I ₄	I ₂	I ₃
22-14-12	Section	.00	159.06	286.31	59.53	286.31	430.62	196.31	286.31	312.48	196.31	286.31	286.31	286.31	430.62
	Radius	2532.51		2026.00	4678.19		2976.80	4693.19		2961.80	2012.00		TANGENT		1305.59
22-16-12	Section	.00	241.51	442.77	18.93	352.74	508.52	262.74	352.74	381.01	262.74	352.74	352.74	352.74	508.52
	Radius	4863.59		4053.20	7432.41		3468.52	7449.41		3451.52	2026.00		TANGENT		1520.71
22-18-12	Section	100.06	348.58	561.60	.00	438.58	600.16	348.58	438.58	467.90	348.58	438.58	438.58	438.58	600.16
	Radius	4415.09		3784.48	10128.67		3731.48	10147.67		3712.48	2026.00		TANGENT		1635.76
22-22-12	Section	147.88	529.11	687.96	.00	439.11	746.49	439.11	439.11	568.71	439.11	529.11	529.11	529.11	746.49
	Radius	6061.71		2525.83	9645.88		6752.33	1/		6729.33	2026.00		TANGENT		2957.38
22-14-16	Section	.00	412.30	755.88	325.55	538.57	716.09	448.57	538.57	578.12	448.57	538.57	755.88	538.57	716.09
	Radius	14168.94		11806.91	3784.48		3153.84	3799.48		3138.84	11792.91		11792.91		1580.67
22-16-16	Section	.00	358.58	665.93	141.18	448.58	640.71	358.58	448.58	491.42	358.58	448.58	665.95	448.58	640.71
	Radius	9187.76		7875.00	5909.85		3693.89	5926.85		3676.89	11806.91		11806.91		1850.70
22-18-16	Section	40.48	309.46	616.86	.00	399.46	599.19	309.46	399.46	443.99	309.46	399.46	616.86	399.46	599.19
	Radius	5171.37		5909.85	7983.46		3991.71	8002.46		3972.71	11806.91		11806.91		1999.60
22-14-18	Section	.00	336.66	673.32	242.97	455.99	669.01	365.99	455.99	511.18	365.99	455.99	673.32	455.99	669.01
	Radius	9447.72		9447.72	3784.48		3784.48	3799.48		3769.48	9433.72		9433.72		1978.69
22-16-18	Section	.00	307.38	614.76	89.98	397.38	627.93	307.38	397.38	457.15	307.38	397.38	614.76	397.38	627.93
	Radius	6752.33		6752.33	5909.85		4432.44	5926.85		4415.44	9450.75		9450.75		2316.76
22-18-18	Section	70.34	309.46	616.90	.00	399.46	639.14	309.46	399.46	461.60	309.46	399.46	616.90	399.46	639.14
	Radius	4087.67		5255.60	7983.46		4790.21	8002.46		4771.21	9454.44		9454.44		2503.42
24-14-12	Section	.00	183.68	293.89	113.86	293.89	473.92	203.89	293.89	317.57	203.89	293.89	293.89	293.89	473.92
	Radius	3376.33		2026.00	4053.20		4053.20	4068.20		4038.20	2012.00		TANGENT		2029.68
24-16-12	Section	.00	270.05	450.08	52.70	360.05	564.95	270.05	360.05	387.17	270.05	360.05	360.05	360.05	564.95
	Radius	6080.25		4053.20	7875.00		5250.00	7892.00		5233.00	2012.00		TANGENT		2628.00
24-18-12	Section	.00	307.35	614.70	11.02	397.35	556.43	307.35	397.35	426.20	307.35	397.35	397.35	397.35	556.43
	Radius	7875.00		7875.00	8783.65		3616.96	8802.65		3597.96	2012.00		TANGENT		1585.65
24-24-12	Section	265.47	573.03	726.81	.00	483.03	790.41	483.03	483.03	612.61	483.03	573.03	573.03	573.03	790.41
	Radius	3947.36		1973.69	10610.86		6752.33	1/		6727.33	2026.00		TANGENT		2957.38
24-14-16	Section	.00	343.58	687.16	289.82	469.85	739.90	379.85	469.85	505.55	379.85	469.85	687.16	469.85	739.90
	Radius	11806.91		11806.91	4053.20		6080.25	4068.20		6065.25	11792.91		11792.91		3651.35
24-16-16	Section	.00	307.35	614.70	116.56	397.35	634.94	307.35	397.35	440.47	307.35	397.35	614.70	397.35	634.94
	Radius	7875.00		7875.00	6068.30		5134.48	6085.30		5117.48	11806.91		11806.91		2827.45
24-14-18	Section	.00	175.64	552.02	154.66	334.69	649.74	244.69	334.69	391.99	244.69	334.69	522.02	334.69	649.74
	Radius	4408.81		9447.72	4053.20		7053.25	4068.20		7078.25	9433.72		9433.72		4321.25
22-14-22	Section	.00	307.38	614.76	152.46	397.38	838.24	307.38	397.38	512.14	307.38	397.38	614.76	397.38	838.24
	Radius	6752.33		6752.33	6001.05		10802.14	6016.05		10787.14	6738.33		6738.33		6709.23
24-14-22	Section	.00	263.47	570.85	190.61	353.47	614.05	263.47	353.47	436.38	263.47	353.47	570.85	353.47	614.05
	Radius	5787.70		6752.33	2654.75		4247.87	2669.79		4232.87	6738.33		6738.33		2348.70

1/ Where station M₂ = M₃ there is no reverse curve on the right median edge.

FIGURE 2

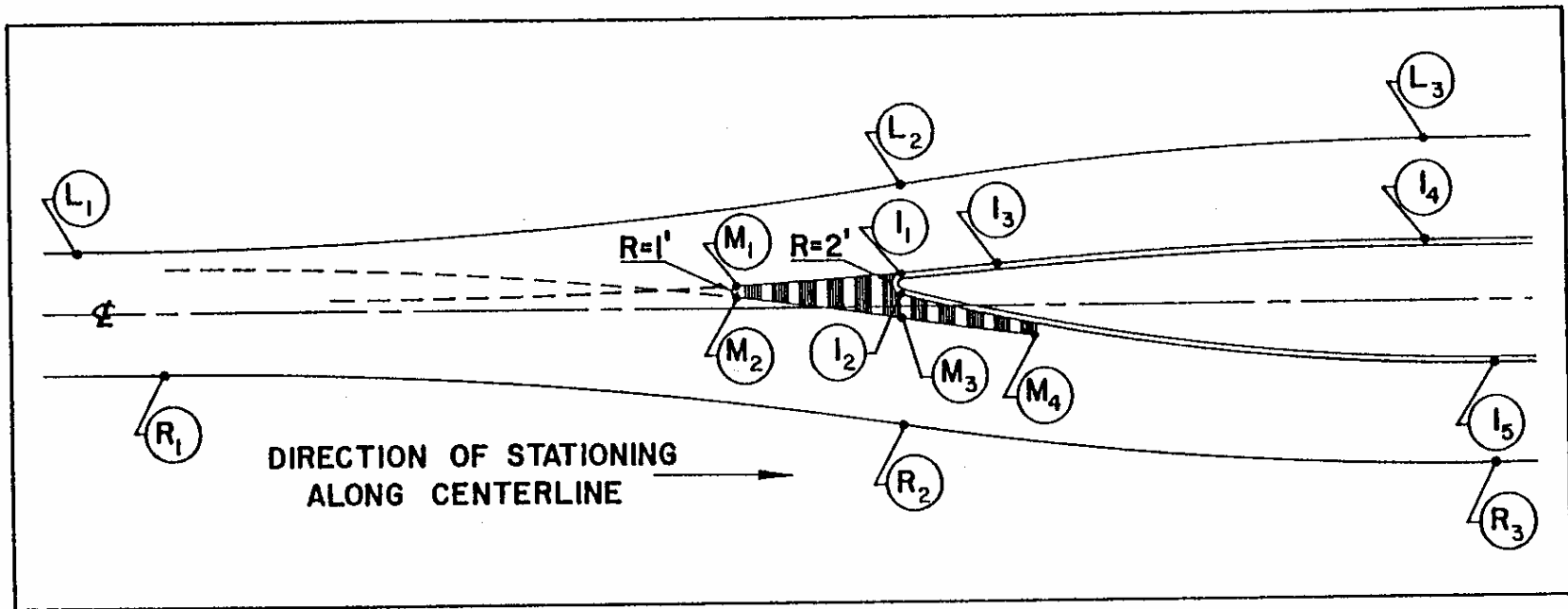


Figure 2 above provides the reference to nomenclature used in the tables of this pamphlet for design speeds of 70, 60, 50, and 40 MPH. The lengths of the curves, measured along the centerline of highway and indicated as stations, and the radius of curvature for the edges of pavements, median, and island shown in the tables on pages 137 and 138, conform to the design standards of the state of Illinois and were used for the computation of the preceding tables of offsets from centerline at 25-foot longitudinal intervals.

Longitudinal Dimensions That Apply to the Types of Approaches Illustrated in Figure 2

70 MPH

TYPE		L ₁	L ₂	L ₃	R ₁	R ₂	R ₃	M ₂	M ₃	M ₄	M ₁	I ₁	I ₃	I ₄	I ₂	I ₅
22-18-22	Section	.00	741.68	1213.66	76.10	741.68	1274.14	591.68	741.68	861.27	591.68	741.68	829.20	1213.66	741.68	1274.14
	Radius	25009.59		15915.29	22154.89		17723.60	22173.89		17704.60	32789.15	32789.15		21021.56		10910.87
22-22-22	Section	253.95	817.63	1207.87	.00	817.63	1199.19	667.63	817.63	928.91	667.63	817.63	959.46	1207.87	817.63	1199.19
	Radius	12227.15		8464.90	22291.49		10402.65	22314.49		10379.65	32789.15	32789.15		12454.67		5606.04
24-16-22	Section	.00	817.64	1362.73	383.23	817.64	1314.11	667.64	817.64	929.12	667.64	817.64	863.70	1362.73	817.64	1314.11
	Radius	37148.26		24763.26	13483.01		15409.15	13500.01		15392.15	32789.15	32789.15		29312.93		9486.59
24-18-22	Section	.00	665.58	1131.49	76.43	665.58	1189.27	515.58	665.58	783.18	515.58	665.58	756.82	1131.49	665.58	1189.27
	Radius	22154.89		15508.65	19287.77		17144.70	19306.77		17125.70	32789.15	32789.15		20359.87		10554.62
24-24-22	Section	365.92	878.22	1347.83	.00	878.22	1262.44	728.22	878.22	990.25	728.22	878.22	967.20	1347.83	878.22	1262.44
	Radius	10941.94		10029.75	24110.24		10548.14	24135.24		10523.14	32789.15	32789.15		20762.72		5684.38

60 MPH

TYPE		L ₁	L ₂	L ₃	R ₁	R ₂	R ₃	M ₂	M ₃	M ₄	M ₁	I ₁	I ₃	I ₄	I ₂	I ₅
22-22-18	Section	220.09	708.67	971.75	.00	708.67	944.89	578.67	708.67	777.43	578.67	708.67	752.50	971.75	708.67	944.89
	Radius	9187.76		4947.15	16747.95		5582.49	16770.95		5559.49	24629.59	24629.59		11072.36		3541.86
24-24-16	Section	266.93	672.62	891.07	.00	542.62	986.58	542.62	542.62	754.41	542.62	672.62	674.96	891.07	672.62	986.58
	Radius	6336.75		3412.10	13388.98		10954.57	1/		10929.57	24629.59	24629.59		11929.06		4933.34
24-16-18	Section	.00	633.39	866.74	256.89	633.39	956.10	503.39	633.39	705.75	503.39	633.39	698.63	866.74	633.39	956.10
	Radius	21119.79		7780.64	10128.54		8681.48	10145.54		8664.48	24629.59	24629.59		8132.98		4739.22
24-18-18	Section	.00	576.86	865.29	132.88	576.86	798.85	446.86	576.86	641.48	446.86	576.86	603.81	865.29	576.86	798.85
	Radius	16643.32		8321.69	9860.84		4930.46	9879.84		4911.46	24629.59	24629.59		13678.43		2245.48
22-18-22	Section	.00	642.82	1051.89	65.96	642.82	1104.31	512.82	642.82	746.34	512.82	642.82	715.66	1051.89	642.82	1104.31
	Radius	18788.10		11956.23	16643.32		13314.81	16662.32		13295.81	24629.59	24629.59		15791.95		8197.77
22-22-22	Section	220.09	708.67	1046.92	.00	708.67	1039.38	578.67	708.67	804.98	578.67	708.67	831.56	1046.92	708.67	1039.38
	Radius	9187.76		6360.78	16747.95		7815.58	16770.95		7792.58	24629.59	24629.59		9358.89		4213.00
24-16-22	Section	.00	708.52	1180.87	332.02	708.52	1138.81	578.52	708.52	805.02	578.52	708.52	748.47	1180.37	708.52	1138.81
	Radius	27893.45		18595.88	10128.54		11575.84	10145.54		11558.84	24629.59	24629.59		22011.53		1227.53
24-18-22	Section	.00	576.86	980.66	66.25	576.86	1030.74	447.86	576.86	678.66	446.86	576.86	655.93	980.69	576.86	1030.74
	Radius	16643.32		11650.25	14489.66		12879.44	14508.66		12860.44	24629.59	24629.59		15294.04		7929.35
24-24-22	Section	317.14	761.18	1168.22	.00	761.18	1094.20	631.18	761.18	858.14	631.18	761.18	838.26	1168.22	761.13	1034.20
	Radius	8221.43		7536.48	18114.05		7925.09	18139.05		7900.09	24629.59	24629.59		15599.79		4271.97

Longitudinal Dimensions That Apply to the Types of Approaches Illustrated in Figure 2

50 MPH

TYPE		L ₁	L ₂	L ₃	R ₁	R ₂	R ₃	M ₂	M ₃	M ₄	M ₁	I ₁	I ₃	I ₄	I ₂	I ₅
22-22-18	Section	186.23	599.72	822.37	.00	599.72	799.63	489.72	599.72	657.77	489.72	599.72	636.78	822.37	599.72	799.63
	Radius	6582.51		3544.43	11996.28		3998.90	12019.28		3975.90	17635.51	17635.51		7931.64		1822.05
24-24-16	Section	225.82	569.18	754.07	.00	459.18	834.87	459.18	459.18	638.30	459.18	569.18	571.13	754.07	569.18	834.87
	Radius	4541.07		2445.24	9589.42		7845.71	1/		7820.71	17635.51	17635.51		8545.64		3534.56
24-16-18	Section	.00	535.97	733.43	217.37	535.97	809.06	425.97	535.97	597.07	425.97	535.97	591.16	733.43	535.97	809.06
	Radius	15123.87		5571.81	7253.83		6217.85	7270.83		6200.85	17635.51	17635.51		5824.15		3395.42
24-18-18	Section	.00	488.15	732.23	112.43	488.15	676.01	378.15	488.15	542.70	378.15	488.15	510.94	732.23	488.15	676.01
	Radius	11919.45		5960.00	7063.21		3531.64	7082.21		3512.64	17635.51	17635.51		9795.91		1609.65
22-18-22	Section	.00	543.97	890.13	55.82	543.97	934.49	433.97	543.97	631.40	433.97	543.97	608.13	890.13	543.97	934.49
	Radius	13455.64		8562.55	11919.45		9535.62	11938.45		9516.62	17635.51	17635.51		11309.16		5872.11
22-22-22	Section	186.23	599.72	885.98	.00	599.72	879.59	489.72	599.72	681.04	489.72	599.72	703.67	885.98	599.72	879.59
	Radius	6582.51		4556.99	11996.28		5598.30	12019.28		5575.30	17635.51	17635.51		6704.85		3019.09
24-16-22	Section	.00	599.54	999.23	280.94	599.54	963.65	489.54	599.54	681.03	489.54	599.54	633.35	999.23	599.54	963.65
	Radius	19973.78		13315.67	7253.83		8290.01	7270.83		8273.01	17635.51	17635.51		15761.16		5105.58
24-18-22	Section	.00	488.15	829.86	56.05	488.15	872.24	378.15	488.15	574.12	378.15	488.15	555.04	829.86	488.15	872.24
	Radius	11919.45		8343.91	10377.34		9224.32	10396.34		9205.32	17635.51	17635.51		10953.40		5680.54
24-24-22	Section	268.37	644.16	988.63	.00	644.16	925.98	534.16	644.16	726.01	534.16	644.16	709.35	988.63	644.16	925.98
	Radius	5890.03		5399.12	12974.90		5676.54	12999.90		5651.54	17635.51	17635.51		11173.79		3061.21

40 MPH

TYPE		L ₁	L ₂	L ₃	R ₁	R ₂	R ₃	M ₂	M ₃	M ₄	M ₁	I ₁	I ₃	I ₄	I ₂	I ₅
22-22-18	Section	152.38	490.79	673.01	.00	490.79	654.39	400.79	490.79	538.09	400.79	490.79	321.08	673.01	490.79	654.39
	Radius	4411.18		2375.22	8036.63		2679.00	8059.63		2656.00	11806.91	11806.91		5313.71		1222.09
24-24-16	Section	184.71	465.76	617.09	.00	375.76	683.20	375.76	375.76	522.18	375.76	465.76	467.32	617.09	465.76	683.20
	Radius	3044.68		1639.27	6423.48		5255.60	1/		5230.60	11806.91	11806.91		5725.31		2369.01
24-16-18	Section	.00	438.58	600.16	177.87	438.58	662.05	348.58	438.58	488.40	348.58	438.58	483.72	600.16	438.58	662.05
	Radius	10128.67		3731.48	4858.48		4184.37	4875.48		4147.57	11806.91	11806.91		3900.72		2275.45
24-18-18	Section	.00	399.46	599.19	91.98	399.46	553.20	309.44	399.46	443.91	309.46	399.46	418.09	599.19	399.46	553.20
	Radius	7983.46		3991.71	4732.26		2366.10	4751.26		2347.10	11806.91	11806.91		6560.13		1079.86
22-18-22	Section	.00	445.13	728.39	45.67	445.13	764.70	355.13	445.13	516.44	355.13	445.13	497.60	728.39	445.13	764.70
	Radius	9011.88		5734.66	7983.46		6386.81	8002.46		6367.81	11806.91	11806.91		7573.86		3934.38
22-22-22	Section	152.38	490.79	725.07	.00	490.79	719.83	400.79	490.79	557.07	400.79	490.79	575.78	725.07	490.79	719.83
	Radius	4411.18		3053.78	8036.63		3750.59	8059.63		3727.59	11806.91	11806.91		4493.13		2024.17
24-16-22	Section	.00	490.58	817.63	229.87	490.58	788.53	400.58	490.58	557.03	400.58	490.58	518.22	817.63	490.58	738.53
	Radius	13375.03		8916.48	4858.48		5552.39	4875.48		5535.39	11806.91	11806.91		10553.85		3420.89
24-18-22	Section	.00	399.64	679.08	45.88	399.64	713.75	309.46	399.64	489.57	309.46	399.64	454.16	679.08	399.64	713.75
	Radius	7983.46		5588.31	6949.94		6177.64	6968.94		6158.64	11806.91	11806.91		7335.75		3805.66
24-24-22	Section	219.61	527.17	809.10	.00	527.17	757.81	437.17	527.17	593.88	437.17	527.17	580.45	809.10	527.17	757.81
	Radius	3947.63		3618.43	8692.66		3803.13	8717.66		3778.13	11806.91	11806.91		7486.69		2052.45

1/ Where station M₂ = M₃ there is no reverse curve on the right median edge.

FIGURE 3

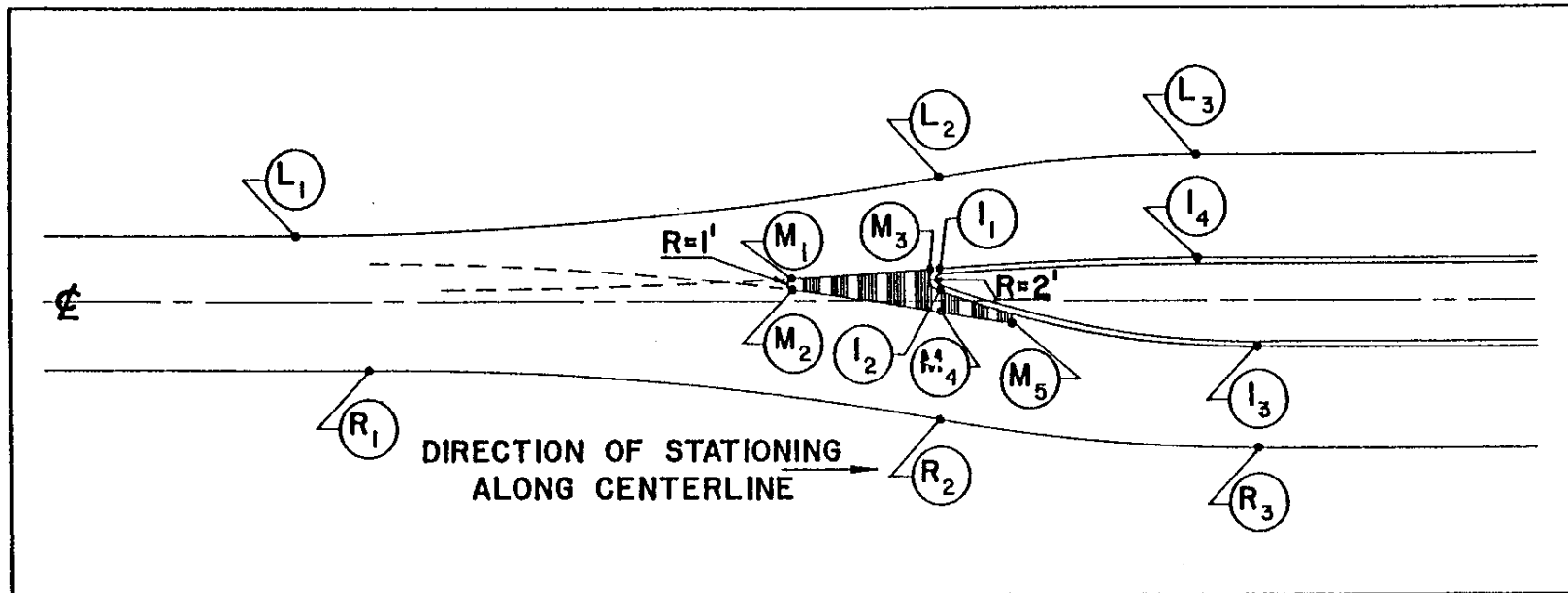


Figure 3 above provides the reference to nomenclature used in the tables of this pamphlet for design speeds of 70, 60, 50, and 40 MPH. The lengths of the curves, measured along the centerline of highway and indicated as stations, and the radius of curvature for the edges of pavements, median, and island shown in the following tables, page 140, conform to the design standards of the state of Illinois and were used for the computation of the preceding tables of offsets from centerline at 25-foot longitudinal intervals.

Longitudinal Dimensions That Apply to the Types of Approaches Illustrated in Figure 3

70 MPH

TYPE		L ₁	L ₂	L ₃	R ₁	R ₂	R ₃	M ₂	M ₄	M ₅	M ₁	M ₃	I ₁	I ₄	I ₂	I ₃
22-22-16	Section	240.93	804.61	1064.77	.00	654.61	1243.76	654.61	654.61	903.34	654.61	801.90	804.61	1064.77	804.61	1243.76
	Radius	12227.15		5643.27	21430.71		19287.77	1/		19264.77	32789.16	16919.07	16919.07		9647.64	
22-16-22	Section	.00	741.68	1078.81	229.47	741.68	1253.89	591.68	741.68	891.34	591.68	735.88	741.68	1078.81	741.68	1253.89
	Radius	25009.59		11368.16	16401.51		16401.51	16418.51		16384.51	16661.36	14201.04	14201.04		9376.97	

60 MPH

TYPE		L ₁	L ₂	L ₃	R ₁	R ₂	R ₃	M ₂	M ₄	M ₅	M ₁	M ₃	I ₁	I ₄	I ₂	I ₃
22-22-16	Section	208.78	697.36	922.86	.00	567.36	1077.98	567.36	567.36	782.86	567.36	695.00	697.36	922.86	697.36	1077.98
	Radius	9187.76		4240.52	16099.87		14489.66	1/		14466.66	24629.59	12711.43	12711.43		7248.58	
24-18-16	Section	.00	576.86	807.60	66.24	576.86	860.54	446.86	576.86	640.46	446.86	571.07	576.86	807.60	576.86	860.54
	Radius	16643.32		6657.12	14489.66		8049.93	14508.66		8030.93	24629.59	13298.30	13298.30		4028.72	
24-24-18	Section	174.34	618.38	951.41	.00	488.38	932.36	488.38	488.38	710.01	488.38	618.31	618.38	951.41	618.38	932.36
	Radius	8221.43		6166.11	10847.09		9860.84	1/		9835.84	24629.59	18486.31	18486.31		4486.57	
22-16-22	Section	.00	642.82	935.01	198.89	642.82	1086.75	512.82	642.82	772.42	512.82	637.79	642.82	935.01	642.82	1086.75
	Radius	18788.10		8540.00	12321.01		12321.01	12338.01		12304.01	12515.90	10667.80	10667.80		7045.35	

50 MPH

TYPE		L ₁	L ₂	L ₃	R ₁	R ₂	R ₃	M ₂	M ₄	M ₅	M ₁	M ₃	I ₁	I ₄	I ₂	I ₃
22-22-16	Section	176.62	590.11	780.95	.00	480.11	912.21	480.11	480.11	662.36	480.11	588.09	590.11	780.95	590.11	912.21
	Radius	6582.51		3037.99	11530.28		10377.34	1/		10354.34	17635.51	9104.40	9104.40		5192.42	
24-18-16	Section	.00	488.15	683.41	36.05	488.15	728.21	378.15	488.15	541.86	378.15	483.24	488.15	683.41	488.15	728.21
	Radius	11919.45		4767.81	10377.34		5765.38	10396.34		5748.38	17635.51	9523.30	9523.30		2886.44	
24-24-18	Section	147.50	523.29	805.13	.00	413.29	789.01	413.29	413.29	600.72	413.29	523.21	523.29	805.13	523.29	789.01
	Radius	5890.03		4417.49	7769.53		7063.21	1/		7038.21	17635.51	17635.51	13240.43		1324.43	
22-16-22	Section	.00	543.97	791.23	168.30	543.97	919.64	433.97	543.97	653.51	433.97	539.72	543.97	791.23	543.97	919.64
	Radius	13455.64		6116.25	8824.57		8824.57	8841.57		8807.57	8963.41	7639.51	7639.51		3047.28	

40 MPH

TYPE		L ₁	L ₂	L ₃	R ₁	R ₂	R ₃	M ₂	M ₄	M ₅	M ₁	M ₃	I ₁	I ₄	I ₂	I ₃
22-22-16	Section	144.46	482.87	639.06	.00	392.87	746.45	392.87	392.87	541.85	392.87	481.19	482.87	639.06	482.87	746.45
	Radius	4411.18		2035.94	7722.34		6949.94	1/		6926.94	11806.91	6098.78	6098.78		3478.72	
24-18-16	Section	.00	399.46	559.24	45.88	399.46	595.89	309.43	399.46	443.24	309.46	395.43	399.46	559.24	399.46	595.89
	Radius	7983.46		3193.21	6949.94		3860.97	6968.94		3841.97	11806.91	6377.18	6377.18		1934.24	
24-24-18	Section	120.67	428.23	658.90	.00	338.23	645.71	338.23	338.23	491.44	338.23	428.12	428.23	658.90	428.23	645.71
	Radius	3947.36		2960.54	5205.48		4732.26	1/		4707.26	11806.91	8869.62	8869.62		2155.39	
22-16-22	Section	.00	445.13	647.46	137.73	445.13	752.53	355.13	445.13	534.56	355.13	441.63	445.13	647.46	445.13	752.53
	Radius	9011.88		4096.24	5909.85		5909.85	5926.85		5892.85	6001.05	5116.37	5116.37		3381.81	

1/ Where station M₂ = M₃ there is no reverse curve on the right median edge.