

Table 2E-1. Freeway or Expressway Guide Sign and Plaque Sizes (Sheet 1 of 3)

Sign or Plaque	Sign Designation	Section	Minimum Size
Interchange Advance Guide (1 destination)	E1-1	2E.23	Varies
Interchange Advance Guide (2 destinations)	E1-2	2E.23	Varies
Interchange Advance Guide (3 destinations)	E1-3	2E.23	Varies
Exit Number (plaque)			
1-, 2-Digit Exit Number	E1-5P	2E.23	114 x 30
3-Digit Exit Number	E1-5aP	2E.23	132 x 30
1-, 2-Digit Exit Number (with single-letter suffix)	E1-5bP	2E.23	138 x 30
3-Digit Exit Number (with single-letter suffix)	E1-5cP	2E.23	156 x 30
1-, 2-Digit Exit Number (with dual-letter suffix)	E1-5dP	2E.23	168 x 30
3-Digit Exit Number (with dual-letter suffix)	E1-5eP	2E.23	186 x 30
Left Exit Number (plaque)			
1-, 2-Digit Exit Number	E1-5fP	2E.23	114 x 54
3-Digit Exit Number	E1-5gP	2E.23	132 x 54
1-, 2-Digit Exit Number (with single-letter suffix)	E1-5hP	2E.23	138 x 54
3-Digit Exit Number (with single-letter suffix)	E1-5iP	2E.23	156 x 54
1-, 2-Digit Exit Number (with dual-letter suffix)	E1-5jP	2E.23	168 x 54
3-Digit Exit Number (with dual-letter suffix)	E1-5kP	2E.23	186 x 54
Left (plaque)	E1-5mP	2E.23	72 x 30
Next Exit (1 line) (plaque)	E2-1P	2E.46	Varies x 24
Next Exit (2 lines) (plaque)	E2-1aP	2E.46	Varies x 36
Supplemental (1 destination)	E3-1	2E.51	Varies
Supplemental (2 destinations)	E3-2	2E.51	Varies
Exit Direction (1 destination)	E4-1	2E.25	Varies
Exit Direction (2 destinations)	E4-2	2E.25	Varies
Exit Direction (3 destinations)	E4-3	2E.25	Varies
Exit Gore	E5-1	2E.26	72 x 60
Exit Gore (with exit number)			
1-, 2-Digit Exit Number	E5-1a	2E.26	78 x 60
3-Digit Exit Number	E5-1a	2E.26	96 x 60
1-Digit Exit Number (with single-letter suffix)	E5-1a	2E.26	90 x 60
2-Digit Exit Number (with single-letter suffix)	E5-1a	2E.26	108 x 60
3-Digit Exit Number (with single-letter suffix)	E5-1a	2E.26	126 x 60
1-Digit Exit Number (with dual-letter suffix)	E5-1a	2E.26	120 x 60
2-Digit Exit Number (with dual-letter suffix)	E5-1a	2E.26	138 x 60
3-Digit Exit Number (with dual-letter suffix)	E5-1a	2E.26	156 x 60
Exit Number (plaque)			
1-, 2-Digit Exit Number	E5-1bP	2E.26	42 x 30
3-Digit Exit Number	E5-1bP	2E.26	60 x 30
1-Digit Exit Number (with single-letter suffix)	E5-1bP	2E.26	54 x 30
2-Digit Exit Number (with single-letter suffix)	E5-1bP	2E.26	72 x 30
3-Digit Exit Number (with single-letter suffix)	E5-1bP	2E.26	90 x 30
1-Digit Exit Number (with dual-letter suffix)	E5-1bP	2E.26	84 x 30
2-Digit Exit Number (with dual-letter suffix)	E5-1bP	2E.26	102 x 30
3-Digit Exit Number (with dual-letter suffix)	E5-1bP	2E.26	120 x 30
Narrow Exit Gore	E5-1c	2E.26	60 x 90*
Pull-Through	E6-1	2E.27	Varies
Pull-Through (Destination)	E6-1a	2E.27	Varies
Pull-Through (Down Arrows)	E6-2	2E.27	Varies

Table 2E-1. Freeway or Expressway Guide Sign and Plaque Sizes (Sheet 2 of 3)

Sign or Plaque	Sign Designation	Section	Minimum Size
Pull-Through (Destination, Down Arrows)	E6-2a	2E.27	Varies
Post-Interchange Distance	E7-1	2E.48	Varies
Post-Interchange Distance	E7-2	2E.48	Varies
Post-Interchange Distance	E7-3	2E.48	Varies
Post-Interchange Travel Time	E7-4	2E.49	Varies
Distance and Travel Time	E7-5	2E.50	Varies
Comparative Travel Time	E7-6	2E.50	Varies
Interchange Sequence (2 interchanges)	E9-1	2E.24	Varies
Interchange Sequence (3 interchanges)	E9-2	2E.24	Varies
Next Exits (1 destination)	E9-3	2E.53	Varies
Next Exits (2 destinations)	E9-3a	2E.53	Varies
Community Interchanges (2 interchanges)	E9-4	2E.52	Varies
Community Interchanges (3 interchanges)	E9-5	2E.52	Varies
Exit Only (with arrow)	E11-1,1d	2E.28	174** x 36
Exit	E11-1a	2E.28	66 x 18
Only	E11-1b	2E.28	66 x 18
Exit Only	E11-1c	2E.28	120 x 18
Exit Only (with two arrows)	E11-1e, 1f	2E.28	222** x 36
Left (panel)	E11-2	2E.24	60 x 18
Exit Direction Advisory Speed (panel)	E13-2	2E.25	162 x 24
Interstate Route (1, 2 digits)	M1-1	2E.55	36 x 36
Interstate Route (3 digits)	M1-1	2E.55	45 x 36
Off-Interstate Route (1, 2 digits)	M1-2,3	2E.55	36 x 36
Off-Interstate Route (3 digits)	M1-2,3	2E.55	45 x 36
U.S. Route (1, 2 digits)	M1-4	2E.55	36 x 36
U.S. Route (3 digits)	M1-4	2E.55	45 x 36
State Route (1, 2 digits)	M1-5	2D.11	36 x 36
State Route (3 digits)	M1-5	2D.11	45 x 36
County Route	M1-6	2D.11	36 x 36
Forest Route	M1-7	2D.11	36 x 36
Eisenhower Interstate System	M1-10, 10a	2E.56	36 x 36
Junction (plaque)	M2-1P	2D.13	30 x 21
Combination Junction (2 route signs)	M2-2	2D.14	60 x 48*
Cardinal Direction (plaque)	M3-1P,2P,3P,4P	2D.15	36 x 18
Alternate (plaque)	M4-1P,1aP	2D.17	36 x 18
By-Pass (plaque)	M4-2P	2D.18	36 x 18
Business (plaque)	M4-3P	2D.19	36 x 18
Truck (plaque)	M4-4P	2D.20	36 x 18
To (plaque)	M4-5P	2D.21	36 x 18
End (plaque)	M4-6P	2D.22	36 x 18
Temporary (plaque)	M4-7P,7aP	2D.24	36 x 18
Begin (plaque)	M4-14P	2D.23	36 x 18
Advance Turn Arrow (plaque)	M5-1P,2P,3P	2D.26	30 x 21
Lane Designation (plaque)	M5-4P,5P,6P	2D.27	36 x 24
Directional Arrow (plaque)	M6-1P,2P,2aP,3P,4P,5P,6P,7P	2D.28	30 x 21
National Scenic Byway	M10-1	2D.57	24 x 24
National Scenic Byway (plaque)	M10-1aP	2D.57	24 x 12
Destination (1 line)	D1-1	2D.36	Varies x 24

Table 2E-1. Freeway or Expressway Guide Sign and Plaque Sizes (Sheet 3 of 3)

Sign or Plaque	Sign Designation	Section	Minimum Size
Destination and Distance (1 line)	D1-1a	2D.36	Varies x 24
Destination (2 lines)	D1-2	2D.36	Varies x 42
Destination and Distance (2 lines)	D1-2a	2D.36	Varies x 42
Destination (3 lines)	D1-3	2D.36	Varies x 60
Destination and Distance (3 lines)	D1-3a	2D.36	Varies x 60
Distance (1 line)	D2-1	2D.43	Varies x 24
Distance (2 lines)	D2-2	2D.43	Varies x 36
Distance (3 lines)	D2-3	2D.43	Varies x 48
Street Name (1 line)	D3-1,1a	2D.45	Varies x 18
Overhead Street Name (1 line)	D3-1,1a	2D.45	Varies x 24
Street Name (2 lines)	D3-1,1a	2D.45	Varies x 33
Overhead Street Name (2 lines)	D3-1,1a	2D.45	Varies x 48
Advance Street Name (2 lines)	D3-2	2D.46	Varies x 36
Advance Street Name (3 lines)	D3-2	2D.46	Varies x 48
Advance Street Name (4 lines)	D3-2	2D.46	Varies x 66
Park - Ride	D4-2	2D.48	36 x 48
Advance Weigh Station Distance	D8-1	2E.54	96 x 72 (F) 78 x 60 (E)
Weigh Station Advance Direction	D8-2	2E.54	108 x 90 (F) 84 x 72 (E)
Weigh Station Entrance Direction	D8-3	2E.54	84 x 78 (F) 66 x 60 (E)
Crossover	D13-1,2	2D.52	78 x 42
Freeway Entrance	D13-3	2D.50	48 x 30
Freeway Entrance (Directional)	D13-3a	2D.50	48 x 42
Combination Lane Use / Destination	D15-1	2D.38	Varies x 96
Next Truck Lane	D17-1	2D.53	60 x 66
Advance Truck Lane	D17-2	2D.53	60 x 54
Next Passing Lane	D17-3	2D.53	60 x 66
Advance Passing Lane	D17-4	2D.53	60 x 54
Advance Emergency Turn-Out	D17-5	2D.54	78 x 54
Emergency Turn-Out (Directional)	D17-6	2D.54	78 x 60
Advance Slow Vehicle Turn-Out	D17-7	2D.54	96 x 54

* The size shown is for a typical sign as illustrated in the figures in Chapters 2D and 2E. The size should be determined based on the amount of legend required for the sign.

** The width shown represents the minimum dimension. The width shall be increased as appropriate to match the width of the guide sign.

- Notes:
1. Larger signs may be used when appropriate
 2. Dimensions in inches are shown as width x height
 3. Where two sizes are shown, the larger size is for freeways (F) and the smaller size is for expressways (E)

Table 2E-1(CA). California Freeway or Expressway Guide Sign and Plaque Sizes

Sign or Plaque	Sign Designation	Section	Minimum
Advanced Lane Assignment	G20-1(CA)	2D.31	VAR x 30
Advanced Lane Assignment	G20-3(CA)	2D.31	VAR x 42
Advanced Lane Assignment	G20-5(CA)	2D.31	VAR x 54
Advanced Lane Assignment	G20-7(CA)	2D.31	VAR x 60
Intersection Sequence	G23-7(CA)	2E.24, 2E51	VAR x 90
Pull-Through	G24-1(CA)	2D.02, 2E.27	VAR x 80
Pull-Through	G24-3(CA)	2D.02, 2E.27	VAR x 110
Pull-Through	G24-4(CA)	2D.02, 2E.27	VAR x 120
Pull-Through	G24-5(CA)	2D.02, 2E.27	VAR x 110
Pull-Through	G24-6(CA)	2D.02, 2E.27	VAR x 110
Pull-Through	G24-7(CA)	2E.27	VAR x 110
Advanced Guide	G83-1(CA)	2E.23	VAR x 78
Advanced Guide	G83-2(CA)	2E.23	VAR x 110
Exit Numbered Advanced Guide	G83-5(CA)	2E.22, 2E.23	VAR x 78
Exit Direction	G85-1(CA)	2D.02, 2E.25	VAR x 78
Exit Direction	G85-2(CA)	2D.02, 2E.25	VAR x 48
Exit Direction	G85-3(CA)	2D.02, 2E.25	VAR x 114
Exit Direction	G85-4(CA)	2D.02, 2E.25	VAR x 138
Exit Direction	G85-5(CA)	2D.02, 2E.25	VAR x 80
Exit Direction	G85-6(CA)	2D.02, 2E.25	VAR x 80
Exit Numbered Exit Direction	G85-11(CA)	2D.02, 2E.22	VAR x 84
PARK - RIDE	G95A(CA)	2E.51	96 x 42
PARK - RIDE EXIT XX	G95B(CA)	2E.51	96 x 60
Park - Ride Courtesy (plaque)	G95B-1P(CA)	2E.51	96 x 18
BUS SERVICE (plaque)	G95dP(CA)	2E.51	96 x 24
Park - Ride (plaque)	G95eP(CA)	2E.51	96 x 18

Table 2E-2. Minimum Letter and Numeral Sizes for Expressway Guide Signs According to Interchange Classification

Type of Sign	Type of Interchange (see Section 2E.11)				Overhead*
	Major		Intermediate	Minor	
	Category a	Category b			
A. Advance Guide, Exit Direction, and Overhead Guide Signs					
Exit Number Plaques					
Words	10	10	10	8	10
Numerals & Letters	15	15	15	12	15
Interstate Route Signs					
Numerals	14**	—	—	—	14**
1- or 2-Digit Shields	36 x 36	—	—	—	36 x 36
3-Digit Shields	45 x 36	—	—	—	45 x 36
U.S. or State Route Signs					
Numerals	18	18	18	12	18
1- or 2-Digit Shields	36 x 36	36 x 36	36 x 36	24 x 24	36 x 36
3-Digit Shields	45 x 36	45 x 36	45 x 36	30 x 24	45 x 36
U.S. or State Route Text Identification (Example: US 56)					
Numerals & Letters	18	15	15	12	15
Cardinal Directions					
First Letters	18	15	12	10	15
Rest of Word	15	12	10	8	12
Auxiliary and Alternative Route Legends (Examples: JCT, TO, ALT, BUSINESS)					
Words	15	12	10	8	12
Names of Destinations					
Upper-Case Letters	20	16	13.33	10.67	16
Lower-Case Letters	15	12	10	8	12
Distance Numbers	18	15	12	10	15
Distance Fraction Numerals	12	10	10	8	10
Distance Words	12	10	10	8	10
Action Message Words	10	10	10	8	10
B. Gore Signs					
Words	10	10	10	8	—
Numerals & Letters	12	12	12	10	—

* Where a larger size is shown for the interchange classification of the interchange, that larger size is used for overhead-mounted guide signs for that interchange.

** Minimum size listed for 3-digit shields. Larger numeral sizes used for 1-digit, some 2-digit, and some 3-digit shields. See the Standard Highways Signs publication for more information on Route Sign numeral heights and Standard Alphabet series.

Note: Sizes are shown in inches and, where applicable, are shown as width x height

Table 2E-3. Minimum Letter and Numeral Sizes for Expressway Guide Signs According to Sign Type

Type of Sign	Minimum Size
-	
Destinations — Upper-Case Letters	13.33
Destinations — Lower-Case Letters	10
Route Signs	
Numerals	14*
1- or 2-Digit Shields	36 x 36
3-Digit Shields	45 x 36
Cardinal Directions — First Letters	12
Cardinal Directions — Rest of Word	10
B. Supplemental Guide Signs	
Exit Number — Words	8
Exit Number — Numerals and Letters	12
Place Names — Upper-Case Letters	10.67
Place Names — Lower-Case Letters	8
Action Messages	8
Route Signs	
Numerals	9*
1- or 2-Digit Shield	24 x 24
3-Digit Shield	30 x 24
C. Interchange Sequence or Community Interchanges Identification Signs	
Words — Upper-Case Letters	10.67
Words — Lower-Case Letters	8
Numerals	10.67
Fraction Numerals	8
Route Signs	
Numerals	9*
1- or 2-Digit Shield	24 x 24
3-Digit Shield	30 x 24
D. Next XX Exits Sign	
Place Names — Upper-Case Letters	10.67
Place Names — Lower-Case Letters	8
NEXT XX EXITS — Words	8
NEXT XX EXITS — Number	12

Type of Sign	Minimum Size
Words — Upper-Case Letters	8
Words — Lower-Case Letters	6
Numerals	8
Route Signs	
Numerals	6*
1- or 2-Digit Shield	18 x 18
3-Digit Shield	22.5 x 18
F. General Service Signs (see Chapter 2I)	
Exit Number — Words	8
Exit Number — Numerals and Letters	12
Services	8
G. Rest Area, Scenic Area, and Roadside Area Signs (see Chapter 2I)	
Words	10
Distance Numerals	12
Distance Fraction Numerals	8
Distance Words	8
Action Message Words	10
H. Reference Location Signs (see Chapter 2H)	
Words	4
Numbers	10
I. Boundary and Orientation Signs (see Chapter 2H)	
Words — Upper-Case Letters	8
Words — Lower-Case Letters	6
J. Next Exit and Next Services Signs	
Words and Numbers	8
K. Exit Only Signs	
Words	12
L. Overhead Arrow-per-Lane and Diagrammatic Signs	
See Table 2E-5	

* Minimum size listed for 3-digit shields. Larger numeral sizes used for 1-digit, some 2-digit, and some 3-digit shields. See the Standard Highways Signs publication for more information on Route Sign numeral heights and Standard Alphabet series.

Note: Sizes are shown in inches and where applicable are shown as width x height

Table 2E-4. Minimum Letter and Numeral Sizes for Freeway Guide Signs According to Interchange Classification

Type of Sign	Type of Interchange (see Section 2E.11)				Overhead
	Major		Intermediate	Minor	
	Category a	Category b			
A. Advance Guide, Exit Direction, and Overhead Guide Signs					
Exit Number Plaques					
Words	10	10	10	10	10
Numerals & Letters	15	15	15	15	15
Interstate Route Signs					
Numerals	18/14*	—	—	—	14*
1- or 2-Digit Shields	48 x 48/ 36 x 36	—	—	—	36 x 36
3-Digit Shields	60 x 48/ 45 x 36	—	—	—	45 x 36
U.S. or State Route Signs					
Numerals	24/18	18	18	12	18
1- or 2-Digit Shields	48 x 48/ 36 x 36	36 x 36	36 x 36	24 x 24	36 x 36
3-Digit Shields	60 x 48/ 45 x 36	45 x 36	45 x 36	30 x 24	45 x 36
U.S. or State Route Text Identification (Example: US 56)					
Numerals & Letters	18	18/15	15	12	15
Cardinal Directions					
First Letters	18	15	15	10	15
Rest of Words	15	12	12	8	12
Auxiliary and Alternative Route Legends (Examples: JCT, TO, ALT, BUSINESS)					
Words	15	12	12	8	12
Names of Destinations					
Upper-Case Letters	20	20	16	13.33	16
Lower-Case Letters	15	15	12	10	12
Distance Numbers	18	18/15	15	12	15
Distance Fraction Numerals	12	12/10	10	8	10
Distance Words	12	12/10	10	8	10
Action Message Words	12	12/10	10	8	10
B. Gore Signs					
Words	12	12	12	8	—
Numeral & Letters	18	18	18	12	—

* Minimum size listed for 3-digit shields. Larger numeral sizes used for 1-digit, some 2-digit, and some 3-digit shields. See the Standard Highways Signs publication for more information on Route Sign numeral heights and Standard Alphabet series.

Notes: 1. Sizes are shown in inches and, where applicable, are shown as width x height
2. Slanted line (/) signifies separation of desirable and minimum sizes

Table 2E-5. Minimum Letter and Numeral Sizes for Freeway Guide Signs According to Sign Type

Type of Sign	Minimum Size
A. Pull-Through Signs	
Destinations — Upper-Case Letters	16
Destinations — Lower-Case Letters	12
Route Signs	
Numerals	14*
1- or 2-Digit Shields	36 x 36
3-Digit Shields	45 x 36
Cardinal Directions — First Letter	15
Cardinal Directions — Rest of Word	12
B. Supplemental Guide Signs	
Exit Number Words	10
Exit Number Numerals and Letters	15
Place Names — Upper-Case Letters	13.33
Place Names — Lower-Case Letters	10
Action Messages	8
Route Signs	
Numerals	9*
1- or 2-Digit Shield	24 x 24
3-Digit Shield	30 x 24
C. Interchange Sequence or Community Interchanges Identification Signs	
Words — Upper-Case Letters	13.33
Words — Lower-Case Letters	10
Numerals	13.33
Fraction Numerals	10
Route Signs	
Numerals	9*
1- or 2-Digit Shield	24 x 24
3-Digit Shield	30 x 24
D. Next X Exits Sign	
Place Names — Upper-Case Letters	13.33
Place Names — Lower-Case Letters	10
NEXT X EXITS — Words	10
NEXT X EXITS — Number	15
E. Distance Signs	
Words — Upper-Case Letters	8
Words — Lower-Case Letters	6
Numerals	8
Route Signs	
Numerals	6*
1- or 2-Digit Shield	18 x 18
3-Digit Shield	22.5 x 18

Type of Sign	Minimum Size
F. General Service Signs (see Chapter 2I)	
Exit Number Words	10
Exit Number Numerals and Letters	15
Services	10
G. Rest Area, Scenic Area, and Roadside Area Signs (see Chapter 2I)	
Words	12
Distance Numerals	15
Distance Fraction Numerals	10
Distance Words	10
Action Message Words	12
H. Reference Location Signs (see Chapter 2H)	
Words	4
Numerals	10
I. Boundary and Orientation Signs (see Chapter 2H)	
Words — Upper-Case Letters	8
Words — Lower-Case Letters	6
J. Next Exit and Next Services Signs	
Words and Numerals	8
K. Exit Only Signs	
Words	12
L. Overhead Arrow-per-Lane Signs**	
Arrowhead (Type D Directional Arrow)	21
Arrow Shaft Width	7.75
Arrow Height	
Through	48/40
Left Only	36/30
Right Only	36/30
Optional-Diverge (Through with Left or Right)	48/40
Optional-Split (Left and Right)	22/33.33
Vertical Separator Width	2
Vertical Space between Vertical Separator and Top of Nearest Arrow	6.5/5.0
Horizontal Space between Vertical Separator and Top of Nearest Through Arrow	12/9
Horizontal Space between Arrow Shaft and EXIT and ONLY Panels	12
EXIT and ONLY Panels	54 x 18
M. Diagrammatic Signs	
Arrowhead (Type D Directional Arrow)	13.5
Stem Height to Upper Point of Departure	30
Horizontal Space between Arrowhead and Route Shield or Destination	12

* Minimum size listed for 3-digit shields. Larger numeral sizes used for 1-digit, some 2-digit, and some 3-digit shields. See the Standard Highways Signs publication for more information on Route Sign numeral heights and Standard Alphabet series.

** Overhead Arrow-per-Lane sign example layouts and design elements sizing are provided in the Standard Highway Sign publication. Sizes shown as XX/XX correspond to 20-inch/16-inch destination letter legend sizes respectively.

Note: Sizes are shown in inches and where applicable are shown as width x height.

**Table 2E-6. Overhead Arrow-per-Lane Arrow Height Based on
Principal Legend Letter Height**

Principle Legend Letter Height	Through Arrow	Turn Arrow	Through with Turn Arrow	Split Arrow
20	48	36	48	44
16 or less	40	30	40	33.33

Note: Letter and arrow heights are shown in inches.