

The diagram illustrates the typical pavement marking for bicycle lanes and a paved shoulder width of 1.22 m or greater (bike lane). It includes a plan view of the road layout and a detailed view of the bicycle lane markings.

Plan View (Top):

- EDGE OF SHOULDER:** Indicated by a line on the left side of the road.
- 100 mm SINGLE SOLID WHITE LINE:** A line marking the edge of the shoulder.
- 152 mm SINGLE SOLID WHITE LINE:** A line marking the edge of the motor vehicle lanes.
- MOTOR VEHICLE LANES:** The main travel lanes of the road.
- 1.22 m MIN. (1.52 m DESIRABLE) BIKE LANE:** The width of the paved shoulder designated as a bike lane.
- SHOULDER WIDTH 1.22 m OR GREATER:** The total width of the paved shoulder.
- 100 mm WIDE SOLID WHITE LINE:** A line marking the edge of the travelway.

Typical Bike Lane Marking (Bottom Left):

- DIRECTIONAL ARROW:** A black arrow pointing straight ahead.
- 152 mm WIDE SOLID WHITE LINE:** A line marking the edge of the bike lane.
- EDGE OF OUTSIDE PAVED SHOULDER:** The outer edge of the paved shoulder.
- 1.02 m:** The width of the bike lane.
- 1.83 m:** The distance between the directional arrow and the edge of the bike lane.
- 1.83 m:** The distance between the edge of the bike lane and the edge of the outside paved shoulder.
- 1.83 m:** The distance between the edge of the outside paved shoulder and the edge of the travelway.
- TYPICAL BIKE LANE WIDTH 1.52 m (1.22 m MIN.):** The total width of the bike lane.
- R3-17:** A sign indicating a bike lane.

Paved Shoulder Width 1.22 m or Greater (Bike Lane) (Bottom Right):

- 152 mm WIDE SOLID WHITE LINE:** A line marking the edge of the bike lane.
- LANE MARKINGS AS REQUIRED:** Dashed lines indicating lane markings.
- DIRECTION OF TRAFFIC:** A black arrow pointing straight ahead.
- EDGE OF TRAVELWAY:** The edge of the travelway.
- EDGE OF OUTSIDE PAVED SHOULDER:** The outer edge of the paved shoulder.
- 100 mm WIDE SOLID WHITE LINE:** A line marking the edge of the travelway.
- R3-17:** A sign indicating a bike lane.

100 mm WIDE SOLID WHITE LINE

MIN. 100 mm SINGLE SOLID WHITE LINE

MIN. 100 mm SINGLE SOLID WHITE LINE

EDGE OF SHOULDER

MOTOR VEHICLE LANES

SHOULDER WIDTH 1.22 m OR GREATER

SHOULDER WIDTH LESS THAN 1.22 m

D11-1 SEE GENERAL NOTE (D)

BIKE ROUTE

EDGE OF OUTSIDE PAVED SHOULDER

MIN. 100 mm WIDE SOLID WHITE LINE

EDGE OF TRAVELWAY

MIN. 100 mm WIDE SOLID WHITE LINE

LANE MARKINGS AS REQUIRED

DIRECTION OF TRAFFIC

EDGE OF TRAVELWAY

MIN. 100 mm WIDE SOLID WHITE LINE

LANE MARKINGS AS REQUIRED

DIRECTION OF TRAFFIC

SHARE THE ROAD

W11-1

W16-1

BIKE ROUTE

D11-1 SEE GENERAL NOTE

EDGE OF OUTSIDE PAVED SHOULDER

PAVED SHOULDER WIDTH 1.22 m OR GREATER

PAVED SHOULDER WIDTH LESS THAN 1.22 m

Diagram illustrating the placement of rumble strips and white lines for motor vehicle lanes and shoulders.

- Motor Vehicle Lanes:**
 - Rumble strips: 152 mm wide, 152 mm spacing.
 - White lines: 100 mm wide solid white line.
 - Shoulder width: 2.44 m or greater.
 - Motor vehicle lane width: 1.52 m minimum.
- Shoulder:**
 - Width: 2.44 m or greater.
 - Edge of shoulder: 305 mm from the edge of the travelway.
- Alternate Rumble Stripe:**
 - Width: 406 mm.
 - Spacing: 152 mm.
 - White line: 100 mm wide solid white line.

SEE GENERAL NOTE (E)

- (A) WHEN RUMBLE STRIPS USED ON NON-ACCESS CONTROLLED FACILITIES, THEY SHOULD BE DISCONTINUED IN ADVANCE OF DRIVEWAYS AND INTERSECTIONS AND OTHER LOCATIONS WHERE THEY WOULD BE CROSSED ON A REGULAR BASIS.
- (B) IF BIKE LANE IS PROPOSED ON PAVED SHOULDER, RUMBLE STRIPS SHOULD NOT BE USED WHEN THEIR INSTALLATION WOULD LEAVE A CLEAR SHOULDER PATHWAY LESS THAN 4 FEET WIDE (OR LESS THAN 1.52 m WIDE IF THERE IS AN OBSTRUCTION SUCH AS A CURB OR GUARDRAIL) TO THE RIGHT OF THE RUMBLE STRIP FOR BICYCLE USE.
- (C) A 3.66 m LONG GAP BETWEEN 14.63 m LONG SECTIONS OF RUMBLE STRIPS IS REQUIRED.
- (D) SIGNS SHOULD BE PLACED APPROXIMATELY EVERY 0.4 Km, AT EVERY TURN, AND AT ALL SIGNALIZED INTERSECTIONS SIGN. SPACING SHOULD NOT EXCEED A MILE ON RURAL ROADS.
- (E) IF GUARDRAIL, CURB, OR OTHER OBSTACLES ARE NOT PRESENT THROUGHOUT THE BIKE LANE 1.83 m PAVED SHOULDER WITH MIN. 1.22 m WIDE BIKE LANE MAY BE USED.
- (F) IF BIKE ROUTE IS PROPOSED WHERE RUMBLE STRIPE IS USED ON SHOULDER, AN ADDITIONAL 305 mm SHOULD BE ADDED TO THE PROPOSED ROADWAY WIDTH.



SIGNING AND PAVEMENT MARKINGS FOR BICYCLE LANES AND ROUTES ON RURAL ROADS

5-1-07 TM-M-11