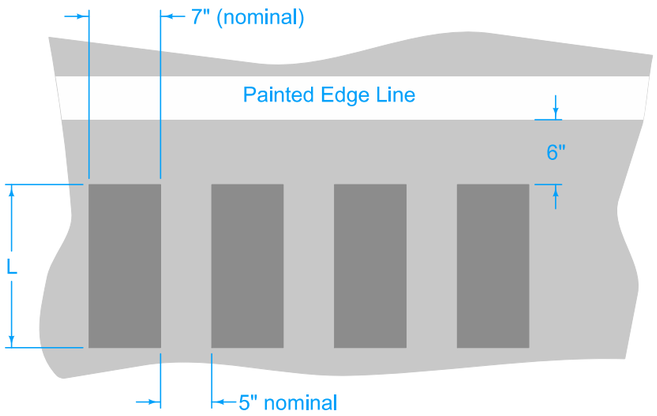
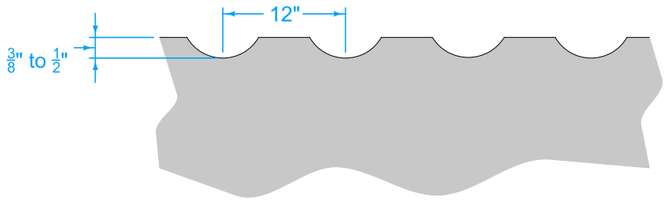
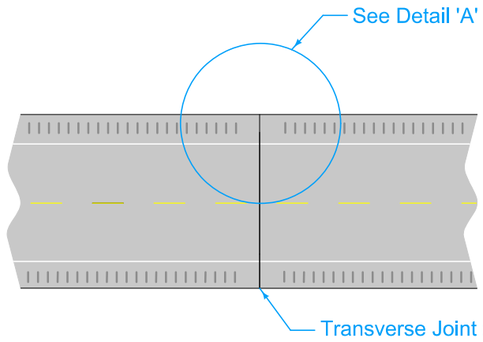


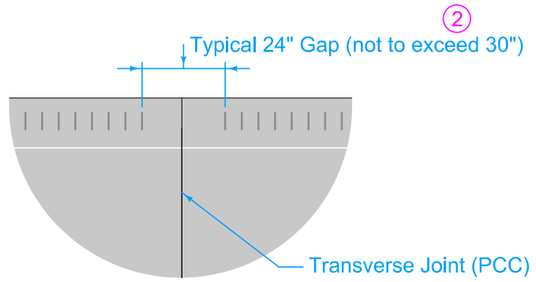
PLAN



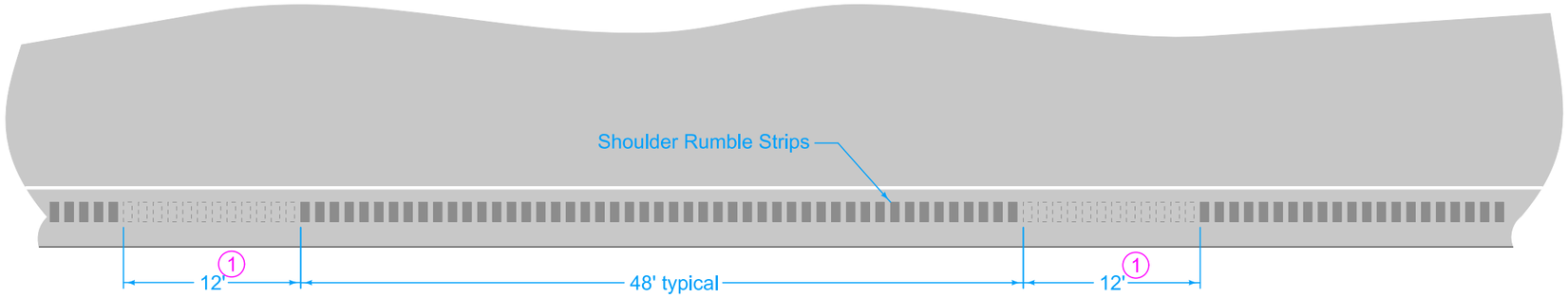
SECTION

MILLED RUMBLE STRIP





Detail 'A'



GAP DETAILS

1. Place continuous Conventional Rumble Strips (no 12 foot gaps) on all median side shoulders and on all interstate shoulders.
2. Gap rumble strips at transverse joints. Centering the gap about the joint is desireable. Maintain a minimum of 6 inches between rumble and transverse joint.

Possible Contract Items:
- Asphalt Emulsion for Fog Seal (Shoulder Rumble Strips)
- Milled Shoulder Rumble Strips, HMA Surface
- Milled Shoulder Rumble Strips, PCC Surface
- Engineered Emulsion for Fog Seal
- Engineered Penetrating Fog Seal
- Milled Sinusoidal Shoulder Rumble Strips, HMA Surface
- Diamond Ground Sinusoidal Shoulder Rumble Strips, HMA Surface
- Diamond Ground Sinusoidal Shoulder Rumble Strips, PCC Surface
- Diamond Ground Shoulder Rumble Strips, PCC Surface
- Diamond Ground Shoulder Rumble Strips, HMA Surface
- Milled Rumble Stripe
- Diamond Ground Rumble Stripe

Possible Tabulation:
112-10

IOWA DOT

STANDARD ROAD PLAN

REVISION	
9	10-20-26

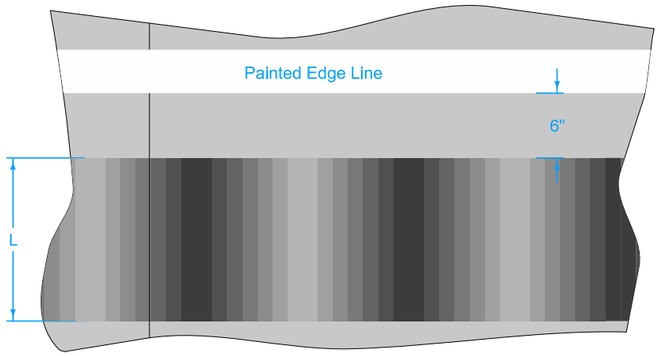
PV-12

SHEET 1 of 5

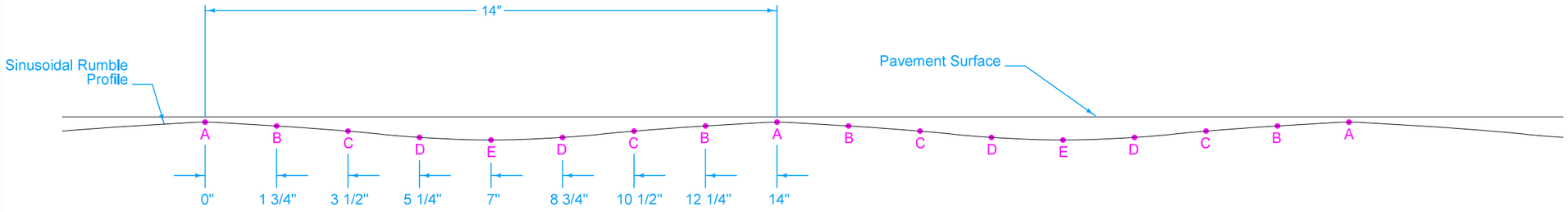
REVISIONS: Changed name, added pages 2 and 3, added bid items

APPROVED BY DESIGN METHODS ENGINEER

SHOULDER RUMBLE STRIPS

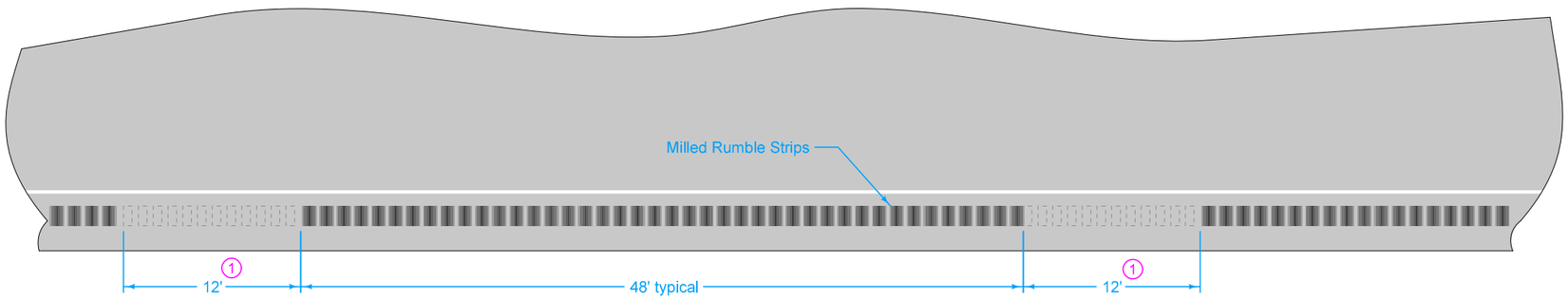


PLAN



PROFILE

SINUSOIDAL SHOULDER RUMBLE STRIP



GAP DETAILS

(1) Place continuous Diamond Ground Rumble Strips (no 12 foot gaps) on all median side shoulders and on all interstate shoulders.

(3) Depth tolerance is $\pm 1/16$.

Location	Depth (3) (inches)
A	1/8
B	7/32
C	11/32
D	1/2
E	9/16

IOWA DOT

STANDARD ROAD PLAN

REVISION

9	10-20-26

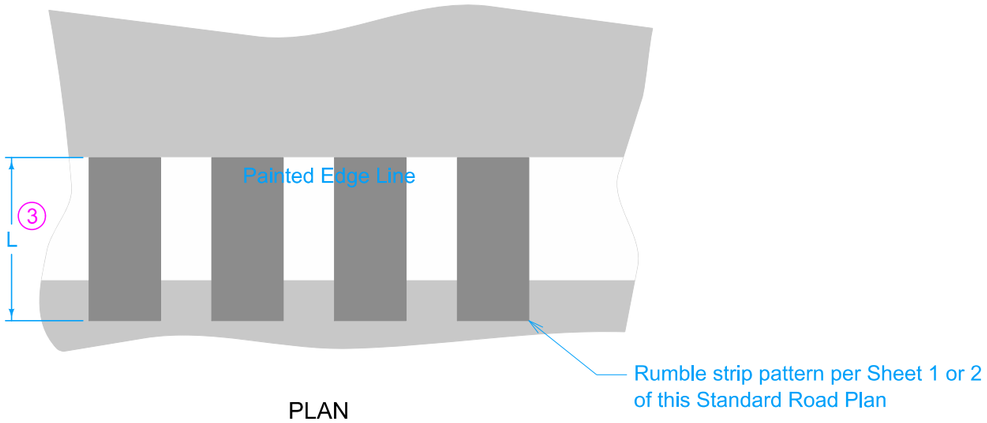
PV-12

SHEET 2 of 5

REVISIONS: Changed name, added pages 2 and 3, added bid items

APPROVED BY DESIGN METHODS ENGINEER

SHOULDER RUMBLE STRIPS



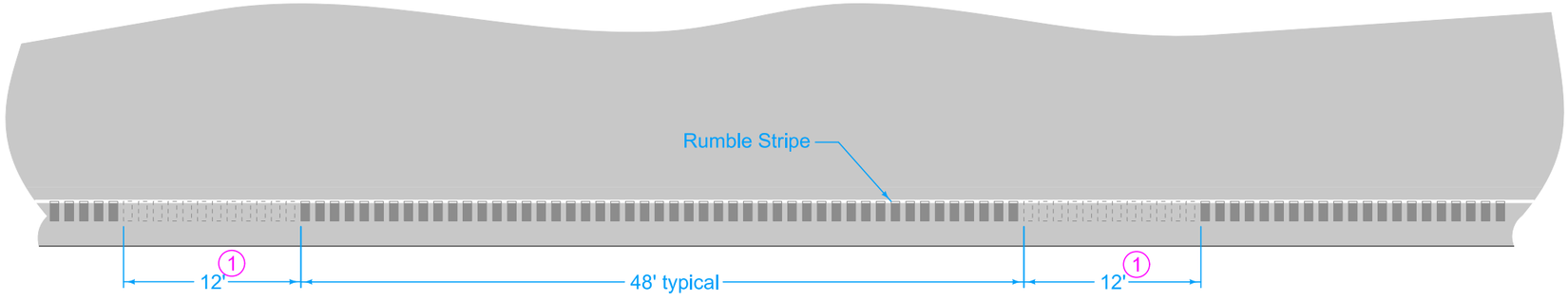
PLAN

1. Place continuous Conventional Rumble Strips (no 12 foot gaps) on all median side shoulders and on all interstate shoulders.

2. Gap rumble strips at transverse joints. Centering the gap about the joint is desireable. Maintain a minimum of 6 inches between rumble and transverse joint.

3. Six inch minimum width.
If L is greater than six inches additional width is to be placed to the outside of the edge line marking. If the edge line marking is less than six inches wide center it on rumble strip.

RUMBLE STRIPE



GAP DETAILS

IOWA DOT

STANDARD ROAD PLAN

REVISION	
9	10-20-26

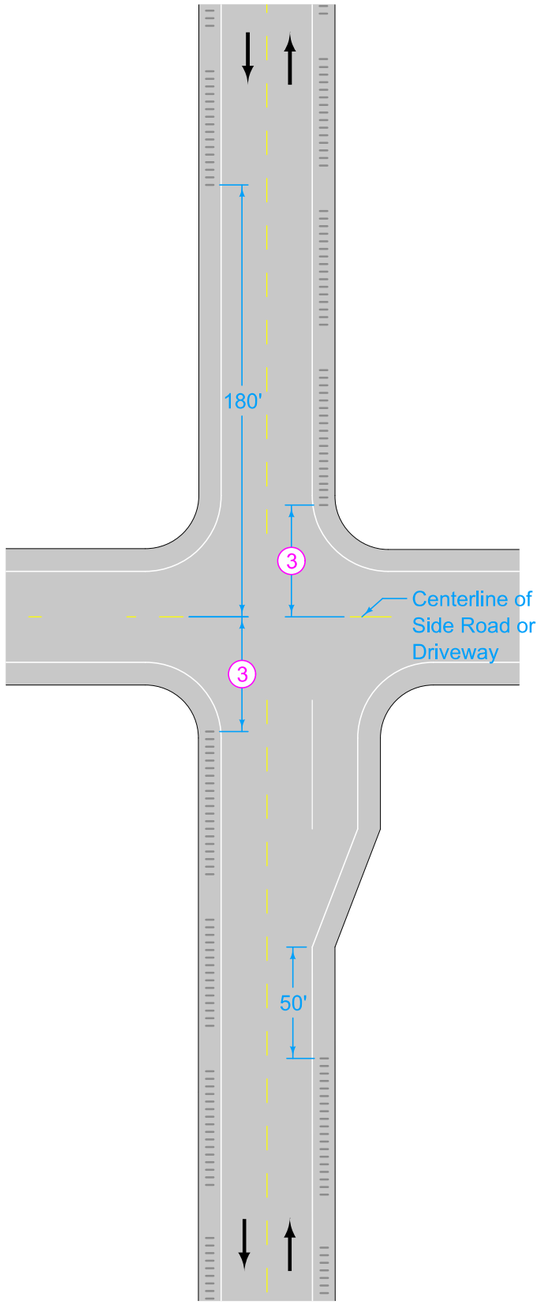
PV-12

SHEET 3 of 5

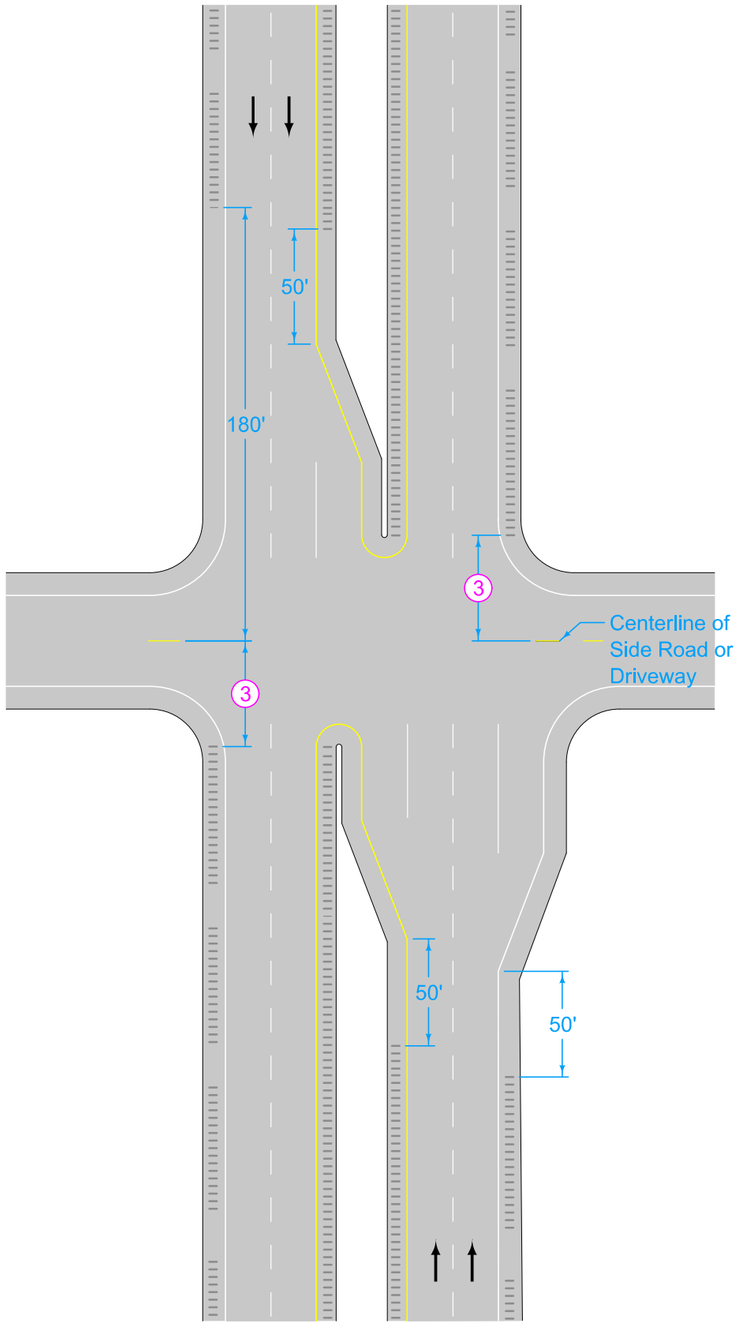
REVISIONS: Changed name, added pages 2 and 3, added bid items

APPROVED BY DESIGN METHODS ENGINEER

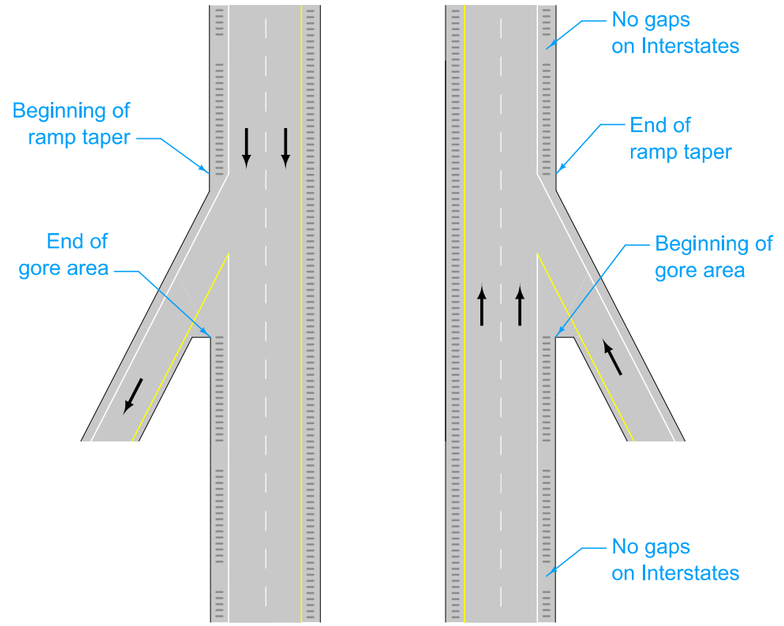
SHOULDER RUMBLE STRIPS



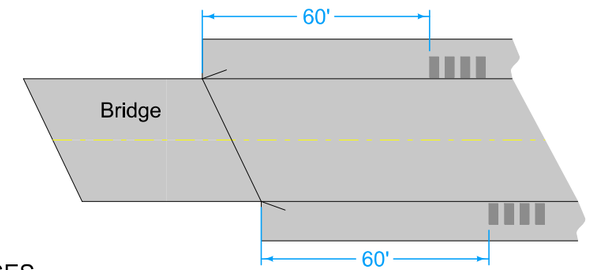
UNDIVIDED
HIGHWAYS



DIVIDED
HIGHWAYS



RAMP AND LOOP TERMINALS (1)



BRIDGES

(1) Place continuous Rumble Strips (no 12 foot gaps) on all median side shoulders and on all interstate shoulders.

(3) Begin rumbles 100 feet beyond paved side roads or 50 feet for driveways or granular side roads.

IOWA DOT

STANDARD ROAD PLAN

REVISION	
9	10-20-26

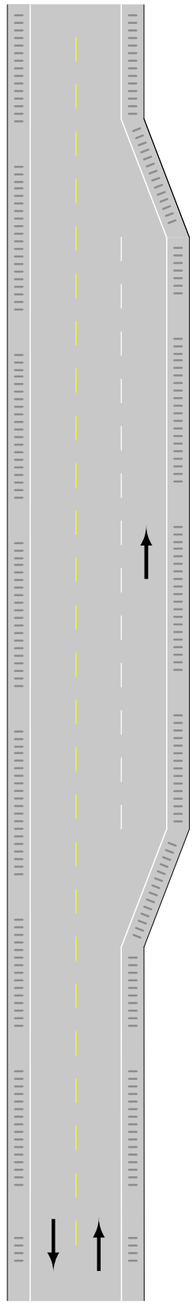
PV-12

SHEET 4 of 5

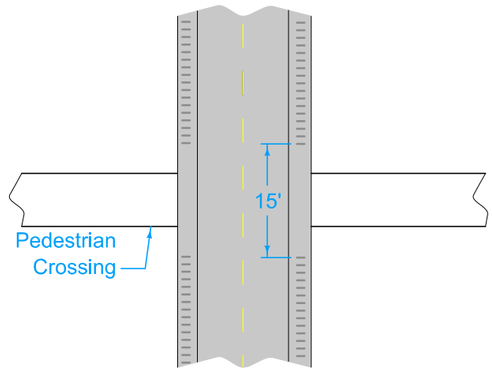
REVISIONS: Changed name, added pages 2 and 3, added bid items

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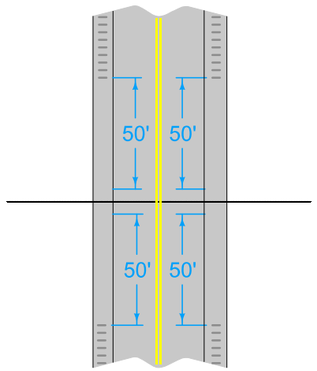
SHOULDER RUMBLE STRIPS



PASSING LANE



PEDESTRIAN
CROSSING



RAILROAD
CROSSING

IOWA | DOT

STANDARD ROAD PLAN

REVISION	
9	10-20-26

PV-12

SHEET 5 of 5

REVISIONS: Changed name, added pages 2 and 3, added bid items

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SHOULDER RUMBLE STRIPS