



## Pavement treatments

### Definition

Special pavement markings, surface materials, and/or textures (cobblestones, bricks, stamped pavement, color, etc.) that differentiate one part of the roadway network from other parts or areas. Can be used to highlight a pedestrian crossing, a whole intersection, or an entire street block.

### Objective

To reduce vehicular speeds, and alert drivers to areas where pedestrians may be present and to the land use “context.” Often used in “main street” areas where there is significant pedestrian activity.

### Advantage

- Can reduce vehicle speeds over an extended distance.
- Can have positive aesthetic value.
- Can be combined with speed tables, raised crosswalks, and raised intersections (see above).

### Challenge

- May present difficulties for pedestrians with mobility impairments (wheelchair users, visually-impaired, etc.).
- May become slippery for pedestrians and bicycles in wet conditions.
- Can make crosswalks less visible.
- Increased costs for installation and maintenance.

### Resources

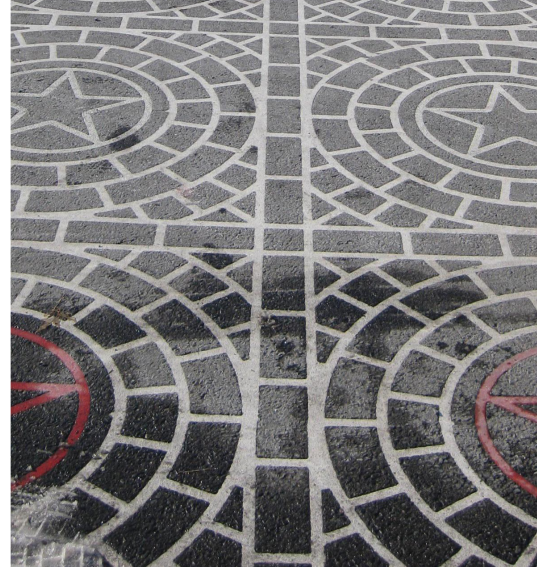
FHWA “Designing Sidewalks and Trails for Access – Part II of II: Best Practices Design Guide” (Chapter 9: Traffic Calming, Section 2.4: Textured pavement) [http://www.fhwa.dot.gov/environment/bicycle\\_pedestrian/publications/sidewalk2/pdf/10chapter9.pdf](http://www.fhwa.dot.gov/environment/bicycle_pedestrian/publications/sidewalk2/pdf/10chapter9.pdf).

PedSafe — Specific Paving Treatments [http://www.pedbikesafe.org/PEDSAFE/countermeasures\\_detail.cfm?CM\\_NUM=39](http://www.pedbikesafe.org/PEDSAFE/countermeasures_detail.cfm?CM_NUM=39).

Fehr & Peers Trafficcalming.org — Textured Pavement <http://trafficcalming.org/measures/textured-pavement/>.

Streetswiki: Traffic Calming — Textured Pavement <http://streetswiki.wikispaces.com/Textured+Pavement>.

MTC Safety Toolbox: Pavement legends for pedestrians <http://www.mtc.ca.gov/planning/bicyclespedestrians/tools/pavementLegends/index.htm>.



Images (clockwise from main image):

Example of a pavement treatment.  
Source: Dan Burden, pedbikeimages.org.

Additional examples:  
Sources: Dan Burden; Dan Burden; Max Bushell, pedbikeimages.org; Dan Burden, pedbikeimages.org; Dan Burden, pedbikeimages.org.