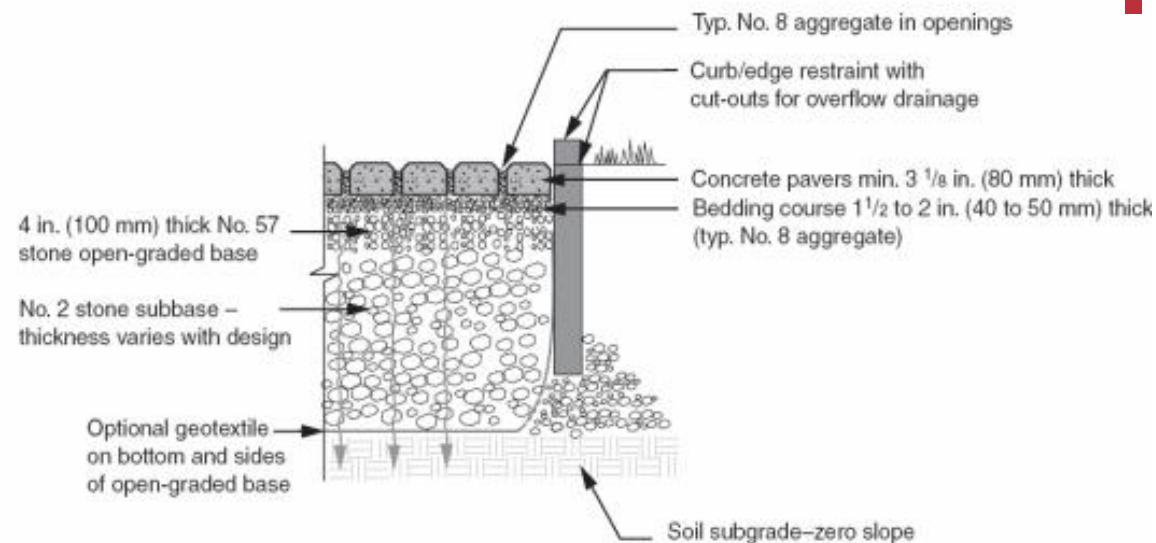


## What are permeable interlocking concrete pavers (PICP)?<sup>1</sup>

- PICPs are manufactured concrete pavers separated by joints ***filled with small stones***
- Water enters the joints and flows through an “open-graded” base (i.e. crushed stone layers with no small or fine particles)



- The openings in the surface of PICPs will require periodic removal of detritus and sediment trapped by the small sized crushed stone

— Dirt is typically removed by a vacuum-sweeping street cleaning machine; ***cleaning should be done at least once a year***

<sup>1</sup>Source: <http://www.icpi.org/permeable>

	TERREWALKS®	PICPs
Pervious	Yes (between seams; “open grid”)	Yes (between seams; “open grid”); <b><i>if de-clogged</i></b>
Infiltration rate ASTM (C 1701)	420” / hour	100” / hour
Product design	<ul style="list-style-type: none"> <li>• Surface design directs water to the seams</li> <li>• Channeled underside reservoirs water and prevents overflow</li> </ul>	<ul style="list-style-type: none"> <li>• Chamfered edges directs water to seams</li> <li>• No channels</li> </ul>
Requires material in joints	No	Yes
De-clogging/vacuuming	Depends	Yes; yearly
Unbreakable	Yes	No
R-value (insulation)	~1	~0.08
Permeable base protocol	~2”	~4”
ADA compliance	Yes	Depends; many joints
Resilience	Yes	No, hard
Life cycle near tree roots	25+ years	~2 years
Weight	5 lbs. / sq. ft.	30 lbs. – 40 lbs. / sq. ft.
Installed cost per sq. ft.	\$9.00 - \$11.00 / sq. ft.	\$11.00 - \$13.00 / sq. ft.

## Cost comparison

(\$ / sq. ft.)	TERREWALKS®	PICPs
<b>Material:</b>		
• Pavement	\$5.75 *	\$6.00
• Geotextile	\$0.16	\$0.16
• Roadbase	\$0.50 (2")**	\$1.00 (4")**
• Joint filler / sand	\$0.00	\$0.50
<b>Labor</b>	<b>\$4.00</b>	<b>\$5.00</b>
<b>Total</b>	<b>\$10.41</b>	<b>\$12.66</b>

\* Assumes freight of \$0.25 / sq. ft.

\*\* Assumes \$0.25 / sq. ft. / inch

- From a cost perspective, TERREWALKS® are on equal to (if not lower than) PICPs