

# Reinstating Thin Cores

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# Cores Come in all sizes and Composition



**Thin Asphalt**



**Thick Asphalt**



**Thick Composite and Reinforced Concrete**

# Reinstating Thin Asphalt Cores (under 4" thick)



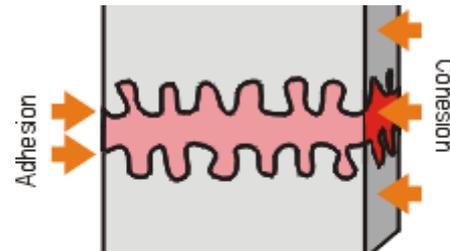
- **The problem with reinstating thin cores is two fold.**

1. The surface area of the sides of the core may not provide enough bonding area.

1. The thin flexible pavement has very little bridging strength.

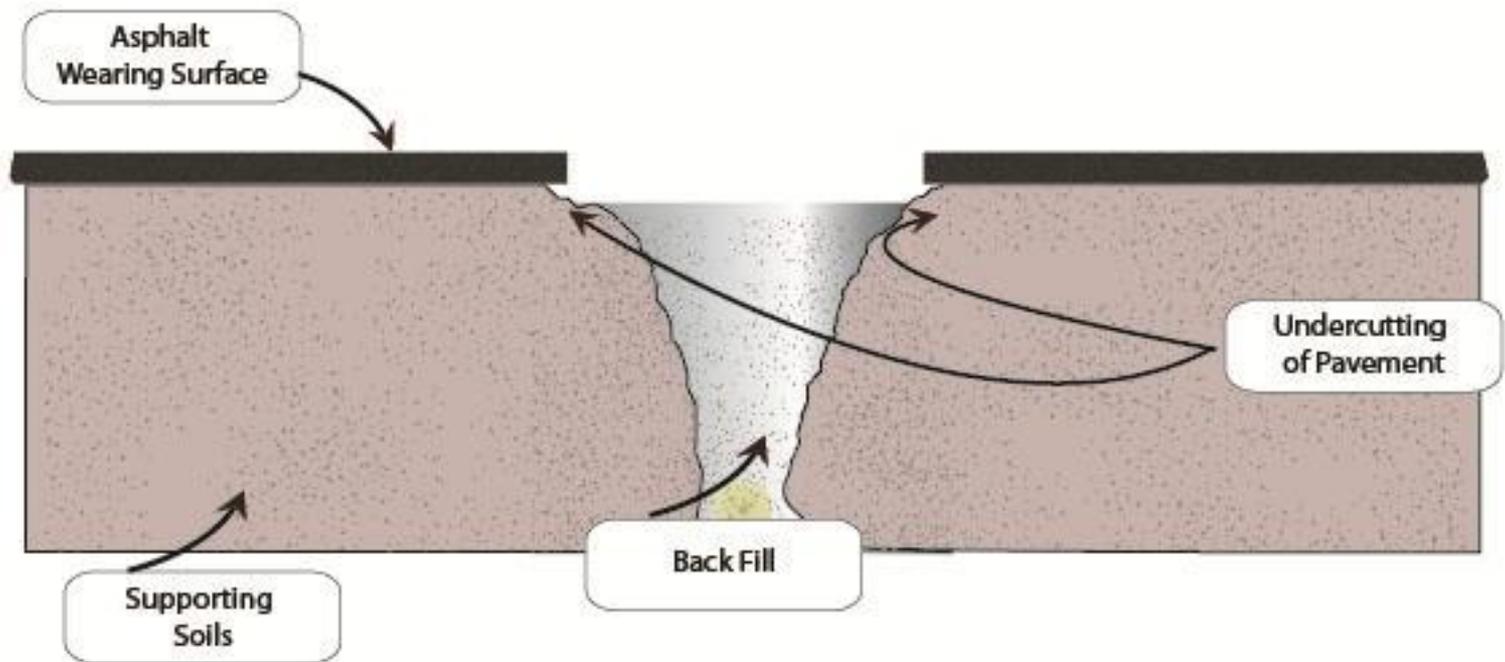
# Backfill and Bonding

- Properly compacted back fill will provide a good base for the reinstated core
- The *Utilibond* will provide a cohesive waterproof joint

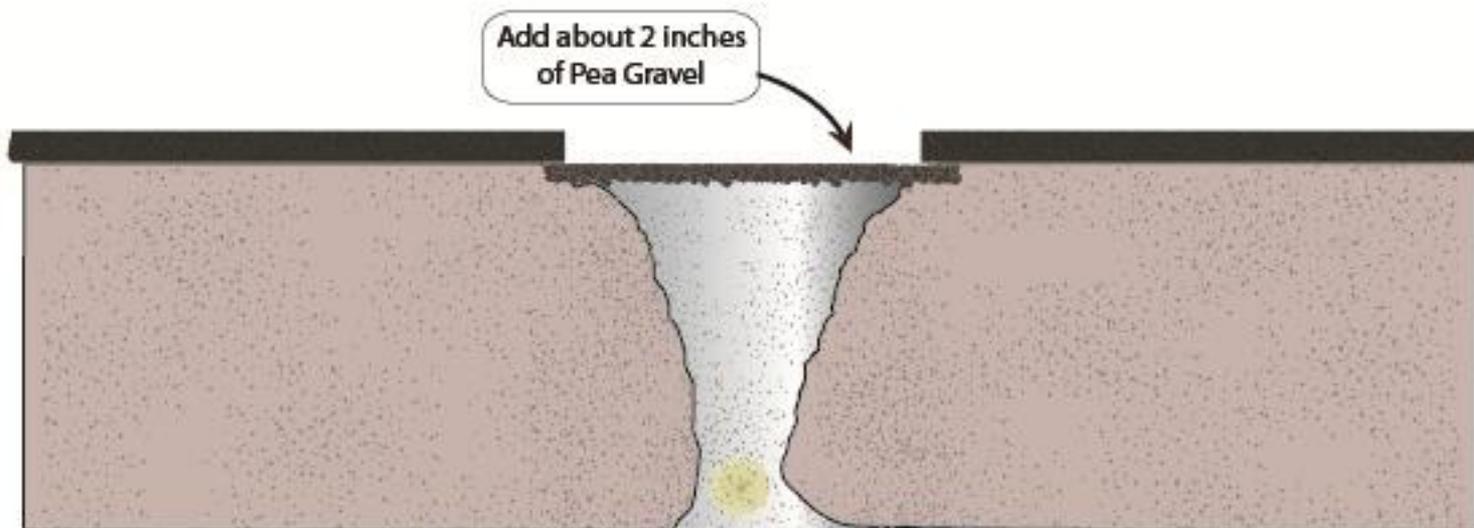


- To insure that the road way is reinstated to its original load carrying ability it is recommended to follow the following steps.

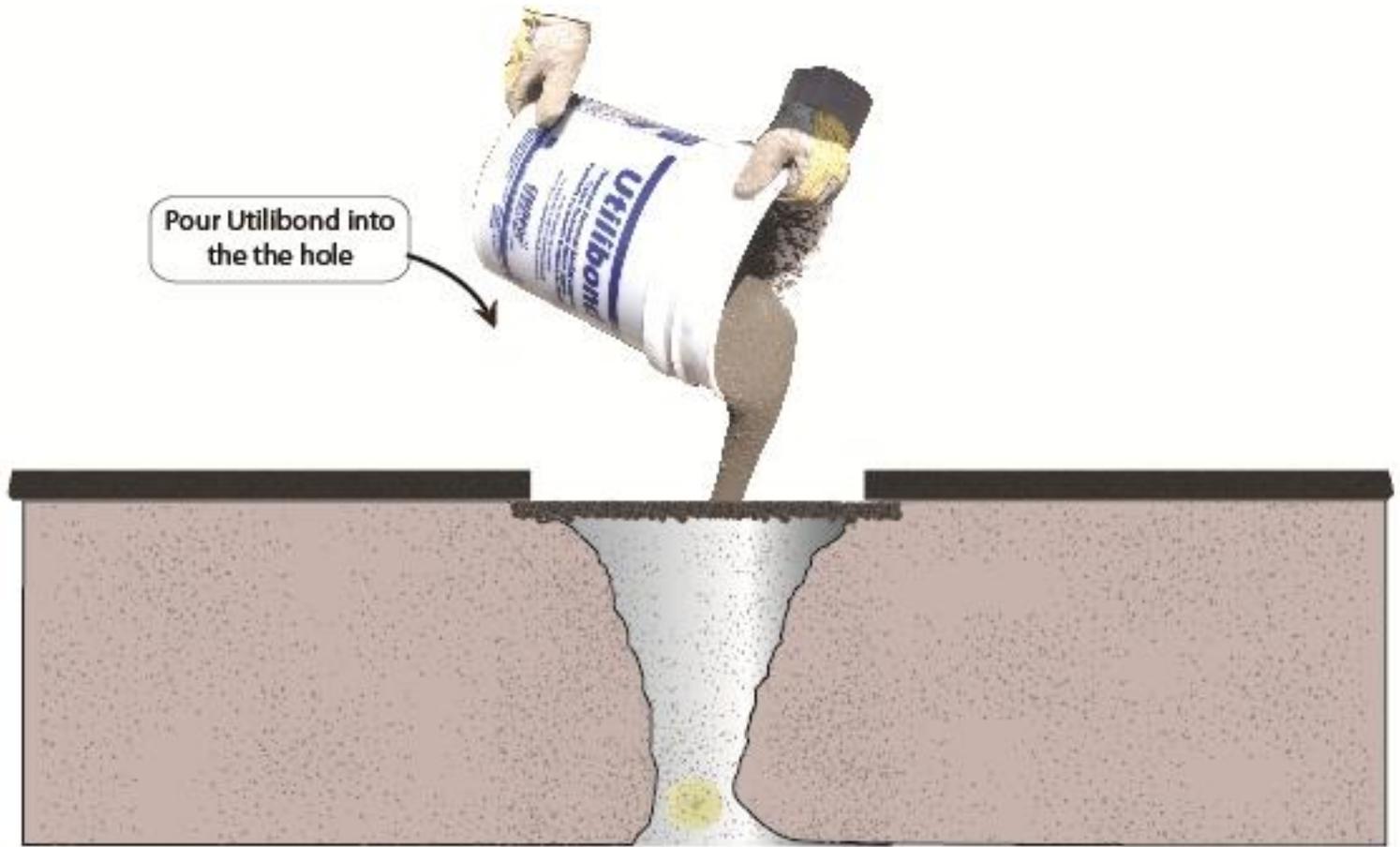
Back fill and compact the fill in 8 inch lifts and Undercut the road base.



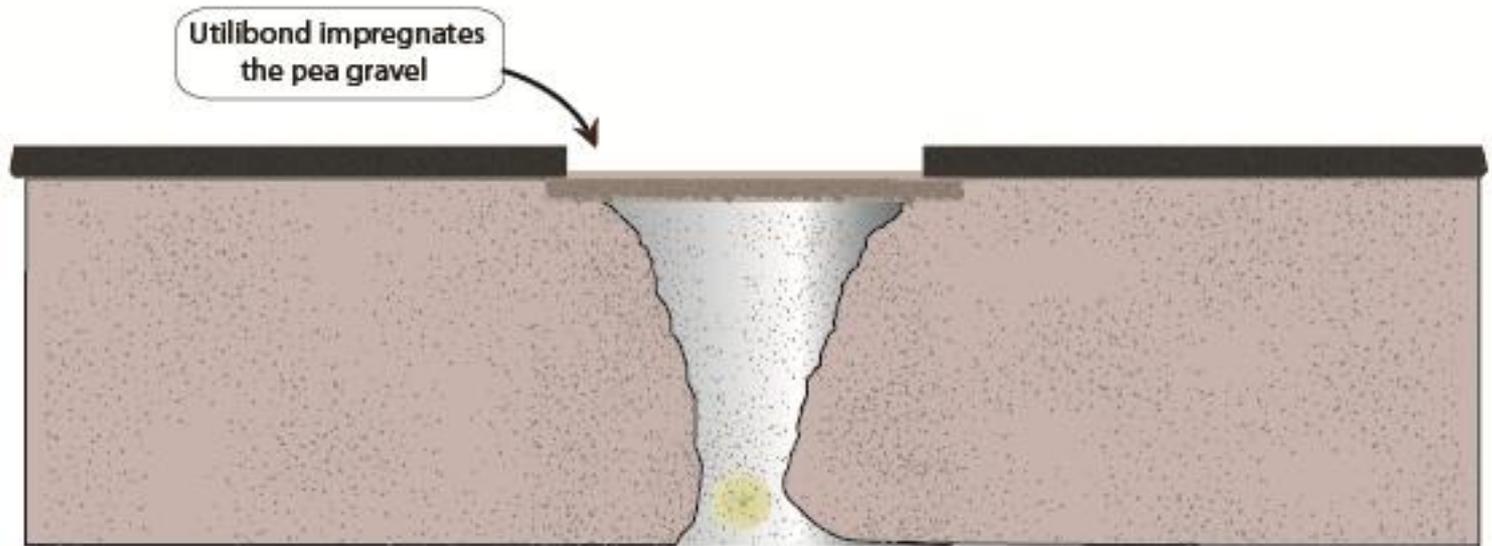
Add a two inch layer of pea gravel  
and dry fit the core.



# Pour in the *Utilibond*

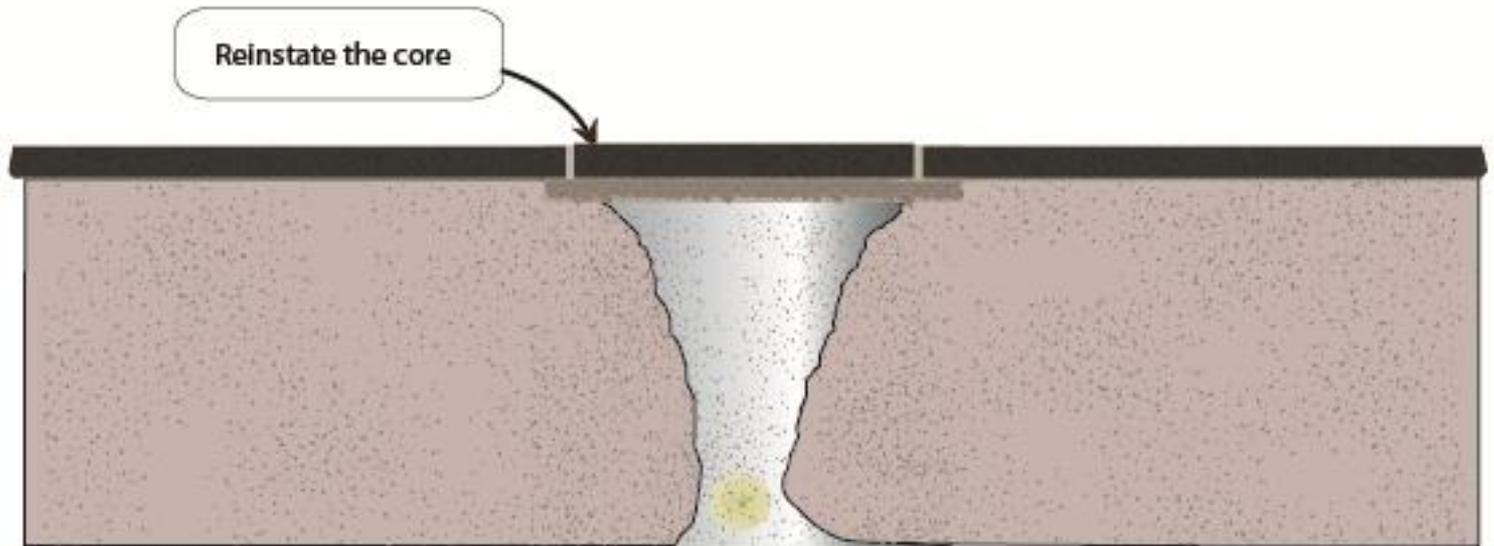


The *Utilibond* will impregnate the pea gravel  
Forming a solid bridge to support the core.



Reinstate the core.

As you tamp the core down the *Utilibond* and pea gravel blend together to solidify the bridge.



# Questions?



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