

Valve Box – Test Station Installation

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Core 12" hole through pavement around existing valve box (remove pilot pit) or location of test station.



Remove core with core puller and or sunken valve box by hand. Clean up area.



After test wire is installed and hole is back filled and compacted to about 2 inches below base of pavement or 6 to 8 inches below the surface clean the sides of the pavement.



Add 1-2 inches of pea stone and install test box or new valve box.



Using a straight edge make sure the top of the box is flush with the surrounding pavement.



Test box or valve box is flush and ready.



Supplies:

1 Bag Utilibond Twin Pack (10kg), Utilicure spray and clean pail.
1 litre water, 3 litres pea stone.

Trowels sponge, whitewash brush, power drill and mixing blade.



Add 1 litre of water to the pail.



Add one Twin Pack bag of Utilibond while mixing.



Mix for 3 minutes or until Utilibond is smooth and flowable.



Add 3 litres (3 full cups) of $\frac{1}{4}$ to $\frac{1}{2}$ inch pea stone to the Utilibond, mix until blended together.



Generously spray all areas to be bonded, on valve box and pavement with Utilicure. Do not allow Utilicure to dry, if it does reapply.



Carefully pour mixture into the hole around the valve box.



Consolidate the mixture into the hole to make sure there are no voids. If the Utilibond mixture is slightly below the surface add pea stone to mix and consolidate again.



Smooth and remove excess Utlibond. Finish trowel.



Finish off surface with whitewash brush, brushing with water.



Spray surface with Utilicure to ensure proper hydration and Prevent surface cracks.



30 minutes @70° F the roadway may be safely reopened to traffic.

Questions and Discussion



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