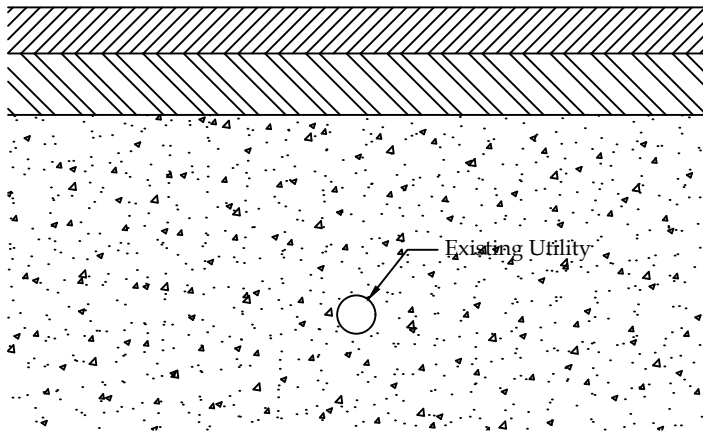


Sample Specification Utility Access Within a Asphalt Roadway/Paved Area

Step #1 - Excavation to Access Utility

Existing Utility within an Existing Roadway (Sectional View)

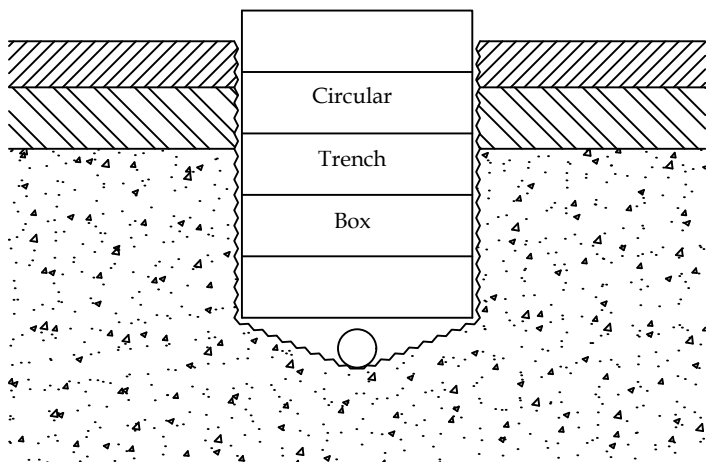


Legend:

- = Existing Asphalt Pavement
- = Existing Aggregate Base
- = Existing Soil/Aggregate

- Locate the subject utility as accurately as possible.
- Cut the asphalt pavement full depth in a 72" diameter circular fashion, centered over the subject utility. Comply with all OSHA silica control regulations.
- Remove the entire asphalt disk in one piece in order to minimize damage to the surrounding asphalt.
- Utilize a 70-71" diameter circular trench box with a 6" (min.) knife edge on the bottom and vacuum excavate to lower the trench box into position over the subject utility and expose the utility.

Excavation Complete (Sectional View)



This specification was prepared by:

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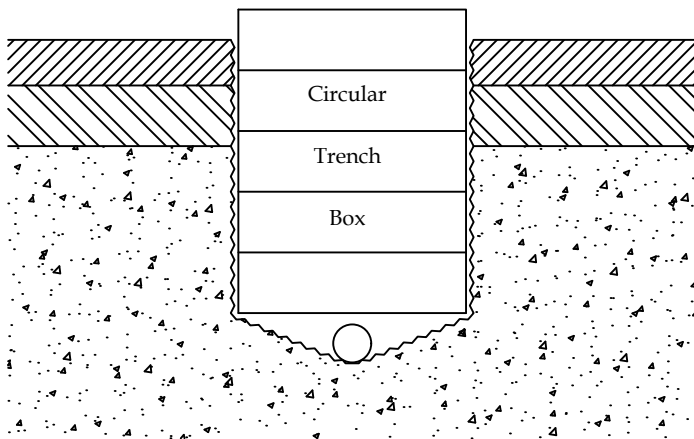
Sample Specification

Utility Access







Within a Asphalt Roadway/Paved Area

Step #2 - Excavation to Access Utility

Excavation Complete (Sectional View)

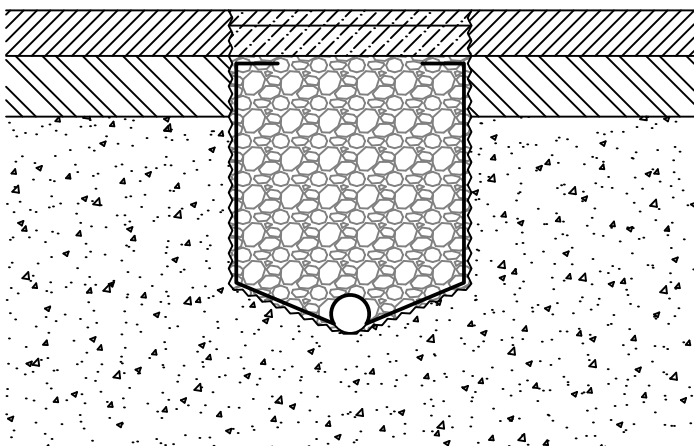


Legend:


	= Existing Asphalt Pavement
	= Existing Aggregate Base
	= Existing Soil/Aggregate
	= Compacted #57 Aggregate
	= Compacted Asphalt
	= Filter Fabric

- Upon completion of the utility work, encase the exposed utility in any or all protective materials required by the utility company responsible for the utility.
- Line the entire bottom of the circular trench with filter fabric and allow the filter fabric to extend up the inside of the circular trench box.
- Place 6" of #57 aggregate in the bottom of the circular trench box.
- Raise the circular trench box 6" and compact the aggregate using a jumping jack or plate compactor.
- Repeat the previous 2 steps until the top of the #57 aggregate is even with the bottom of the existing asphalt. Add additional filter fabric to the sides as necessary so that there is no direct interaction between the #57 aggregate and the adjacent soil/aggregate. Fold the excess filter fabric over the top of the #57 aggregate.
- Apply a bituminous prime coat at 0.50 gal./sq. yd (min.) to the side of the existing asphalt and the top of the #57 aggregate and filter fabric.
- Utilize compacted hot mix asphalt base course (ODOT 301) to bring the pavement repair to 2" from the surface of the pavement.
- Utilize compacted hot mix asphalt surface course (ODOT 448) to finish the pavement repair.
- Seal the crack between the new and old asphalt with tar, which shall be continuously maintained to prevent water from entering the pavement at this crack.

Repair Complete (Sectional View)



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