

**BROWARD COUNTY**  
PUBLIC WORKS DEPARTMENT

**WATER & WASTEWATER DIVISION**  
DESIGN/CONSTRUCTION DIVISION  
330 WEST COVANCE ROAD  
FORTLAUDERDALE, FL 33604  
PHONE: 954-861-0340  
FAX: 954-351-0940

# STANDARD DETAIL

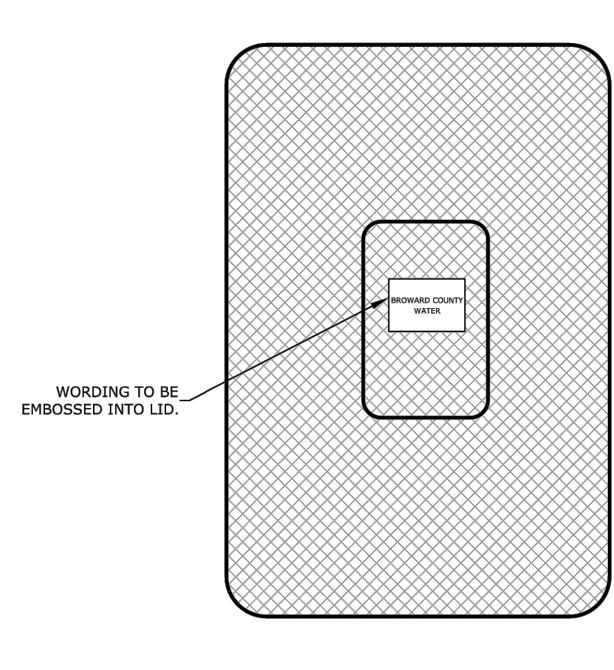
The diagram illustrates a cross-section of a road surface repair over a ditch. The ditch has a 12-inch diameter and a 1.5-foot wide base. The ditch is filled with a 6-inch thick structural course of asphalt, which is 6 inches wide on each side of the ditch. The structural course is supported by a 1.5-foot wide replacement base of new material. The existing asphalt surface is shown on the right side of the ditch, with a 6-inch thick layer. The diagram is labeled with dimensions and material types.

**NOTES:**

1. BASE MATERIAL OVER DITCH SHALL BE TWICE THE THICKNESS OF THE ORIGINAL.
2. BASE MATERIAL SHALL BE PLACED IN 6" MAXIMUM LAYERS (LOOSE MEASUREMENT) AND EACH LAYER THOROUGHLY ROLLED OR TAMPED TO 98% OF MAXIMUM DENSITY, PER AASHTO T-180.
3. ASPHALT CONCRETE PAVEMENT JOINTS SHALL BE MECHANICALLY SAW CUT.
4. SURFACE MATERIAL SHALL BE CONSISTENT WITH THE SURROUNDING SURFACE MATERIAL.
5. BASE MATERIAL SHALL HAVE A MINIMUM CARBONATE OF 2.0.
6. SUB GRADE MATERIAL SHALL BE GRANULAR AND ANGULAR AND SHALL HAVE A MINIMUM LBR OF 40.
7. IF THE DITCH IS FILLED TEMPORARILY, IT SHALL BE COVERED WITH A 2" THICK ASPHALT CONCRETE PATCH TO KEEP THE FILL MATERIAL FROM RAVELING, UNTIL REPLACED WITH A PERMANENT PATCH.
8. FOR STATE ROAD ROSTERS TO FOOT SPECIFICATIONS AND REQUIREMENTS.

T = EXISTING LIME ROCK BASE THICKNESS.

REVISED	RESTORATION OF ROADWAY CUT FOR PERPENDICULAR UTILITY INSTALLATION	FIGURE 183
7/7/2021		

<b>BROWARD COUNTY</b> <b>PUBLIC WORKS DEPARTMENT</b>	<b>WATER &amp; WASTEWATER DIVISION</b> ENGINEERING SECTION 2300 WEST COVANA ROAD FORTLAUDERDALE, FL 33404 PHONE NO. 954-831-0145 FAX: 954-831-0923	<b>STANDARD DETAIL</b>
 <p>WORDING TO BE EMBOSSED INTO I.D.</p>		
REVISED 7/7/2021	POTABLE WATER METER BOX COVER	
		FIGURE <b>225</b>

**BROWARD COUNTY**  
PUBLIC WORKS DEPARTMENT

**WATER & WASTEWATER DEVICES**  
1335 WEST COVANA ROAD  
FORT LAUDERDALE, FL 33309  
PHONE NO. 954-661-0145  
FAX: 954-662-0150

**STANDARD DETAIL**

Technical drawing of a clean-out box and cover assembly for a sidewalk. The drawing shows a cross-section of the assembly. A 5' concrete sidewalk is shown with a 2.5' wide easement on either side. A 24" diameter pipe is shown with a 1% slope minimum. The assembly includes a 6" diameter clean-out box and cover, a 6" threaded PVC plug with a 2" x 2" square nut, a 6" riser, a 6" x 6" wye, and a 6" plug. The drawing also shows a 18" diameter rock base and a 24" diameter pipe with a 1% slope minimum. The drawing is labeled with dimensions and components.

1. THE CLEAN OUT SHALL BE INSTALLED IN THE MIDDLE OF THE SIDEWALK. THIS DIMENSION WILL VARY DEPENDING UPON THE WIDTH OF THE SIDEWALK. 2.5' APPLIED TO 2' SIDEWALK WIDTH. IF SIDEWALK DOES NOT EXIST, THE CLEAN OUT SHALL BE INSTALLED 2.5' FROM THE RIGHT OF WAY LINE.
2. A NEW SECTION OF SIDEWALK SHALL BE POURED AROUND THE CLEAN-OUT BOX WHEN WORKING IN AN AREA WITH EXISTING SIDEWALKS.
3. IN GRASS AREA USE 24"x24" OR 24" DIAMETER CONCRETE COLLAR.

REVISED

7/7/2021

**SEWER SERVICE  
CONNECTION AT PROPERTY  
LINE OR EASEMENT LINE  
OR FASELINE**

**FIGURE  
341**

**BROWARD COUNTY**  
**PUBLIC WORKS DEPARTMENT**

**PLASTER & WATERMETER SERVICE**

RECLAIMED WATER  
3500 WEST CORALHAE ROAD  
FORT LAUDERDALE, FL 33309  
PHONE NO. 954-881-0161  
FAX: 954-327-6933

**STANDARD DETAIL**

**COMPRESSION FITTING**

**SEE NOTE 5**

**45°**

**POLYETHYLENE TUBING  
COLOR: PANTONE PURPLE**

**24" MIN. COVER**

**SEE NOTE 5**

**SEE METER BOX DETAIL**

**RECLAIMED WATER MAIN**

**CORPORATION STOP  
(OPERATING NOT ON TOP)**

**STAINLESS STEEL  
DOUBLE STRAP  
SERVICE CLAMP**

**GALVANIZED OR BLACK IRON  
CASING PIPE UNDER  
PAVING SURFACE  
BOTH  
ENDS AFTER CARRIER  
SERVICE TUBING IS  
INSTALLED WITH  
URETHANE FOAM**

**24"**

**SEE NOTE 5**

1. SUCCESSIVE TAPS INTO THE RECLAIMED MAIN SHALL BE SPACED NOT LESS THAN 18" ON CENTER. NO TAPS SHALL BE CLOSER THAN 18" TO A JOINT.
2. SERVICES REQUIRING A 2" MINIMUM INSIDE DIAMETER CASING PIPE.
3. SERVICES REQUIRING A 2" MINIMUM INSIDE DIAMETER CASING PIPE.
4. ALL CASING PIPE SHALL EXTEND A MINIMUM OF 2' BEYOND THE EDGE OF PAVEMENT.
5. FOR 2" SERVICE LINES (DR-9) THE MINIMUM RADIUS SHALL BE 21".
6. ALL CASING PIPE ENDS SHALL BE FILED SMOOTH WITH NO BURRS AND SEALED WITH URETHANE FOAM.
7. THE POLYETHYLENE TUBING SHALL BE ONE CONTINUOUS PIECE FROM THE CORPORATION STOP TO THE METER VALVE. NO JOINTS WILL BE PERMITTED BETWEEN THESE POINTS.

REVISED	<b>RECLAIMED WATER SERVICE CONNECTION</b>	<b>FIGURE 521</b>
7/7/2021		

# C-10