



- ① Core drill openings at least 12 inches from existing manhole joints.
- ② Install flexible pipe coupler or pipe joint on new sanitary sewer 18 to 24 inches from outside of manhole wall.
- ③ Align elbow so discharge is directed at outlet pipe or at 45 degrees to manhole flow.
- ④ Reshape fillet to provide a smooth transition and to direct flow to outlet.

FIGURE 6010.308

SHEET 1 OF 1

SUDAS	IOWA DOT	REVISION	
		1	04-20-21
FIGURE 6010.308	STANDARD ROAD PLAN	<b>SW-308</b>	
		SHEET 1 of 1	

REVISIONS: Deleted top of manhole.

Paul D. Wrigans  
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 DESIGN METHODS ENGINEER

**INTERNAL DROP CONNECTION FOR  
SANITARY SEWER MANHOLE**