

PBOT


PORTLAND BUREAU OF TRANSPORTATION

1120 SW Fifth Avenue, Suite 800 Portland, OR 97204 503.823.5185

Fax 503.823.7576 TTY 503.823.6868 www.portlandoregon.gov/transportation

Chloe Eudaly Commissioner Chris Warner Interim Director

CITY ENGINEER DIRECTIVE

Number	Supersedes	Effective Date	Cancellation Date
ST 004-01	ST 004	January 24, 2020	
Subject		Issuer	
City of Portland Drainage Inlets NO Sumps		 Steve Townsen, P.E., City Engineer	

PURPOSE:

The purpose of this Directive is to **NOT** require sumps within drainage inlets placed within City of Portland right-of-way.

DIRECTIVE:

DO Not provide sumps in drainage inlets as referenced in General Note 3 of ODOT Standard Drawings RD364, RD366 and RD371 Concrete Inlets Types G-1, G-2, G-2M, G-2MA, CG1, CG-2, CG-3.

BACKGROUND: There had been inconsistency on whether a drainage inlet should have a sump or not. Some groups in PBOT were requiring the inlets to have a sump and others were not. We had discussions between Maintenance Operations, BES, PBOT Permitting, and PBOT CIP about whether to include sumps in all new inlets. Based upon those discussions, at that time, the decision was made to sump all new inlets. It was that decision which led to the creation of Directive 4 that was issued on 5/2/2019.

Since that time additional information has come to light.

- Sump inlets are deeper than non-sump inlets and create more opportunity for insufficient backfill and compaction on the back side.
- To really be of any value for trapping debris and keeping debris out of the collection system, the sumps would have to be cleaned annually and MO has no program (or funding) for cleaning on an annual basis.
- The debris in the sumps decompose and create bad odors, which creates complaints. About 20 years ago Dave Hill from PBOT worked with BES to fill in many existing inlet sumps due to this reason.

Based upon the new information, we are going to require that all future inlets **DO NOT INCLUDE A SUMP**.



The Portland Bureau of Transportation fully complies with Title VI of the Civil Rights Act of 1964, the ADA Title II, and related statutes and regulations in all programs and activities. For accommodations, complaints and information, call (503) 823-5185, City TTY (503) 823-6868, or use Oregon Relay Service: 711.