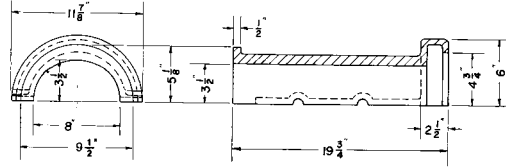


R-4028
Cast Iron Underdrain

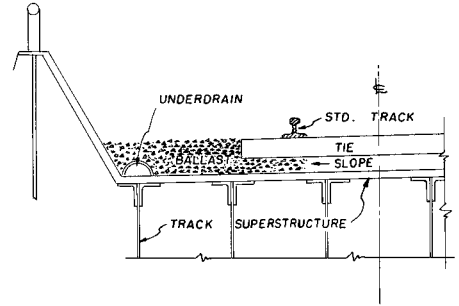
Heavy Duty



Drawing demonstrates cast iron underdrain sections used along railroad right-of-way. Ballast or gravel-filled road bed permits ready drainage of surface water into underdrain where it is conducted to the storm sewer.

Laying length is 18".

Note drainage intake holes in each section of cast iron underdrain.

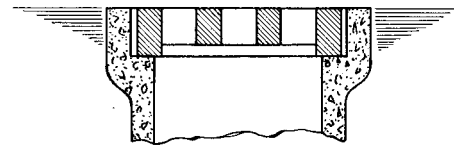


R-4030 to R-4040 Series
Sewer Pipe Grate

Heavy Duty

CATALOG NUMBER	GRATE TYPE	SQ. FT. OPEN	WEIR PERIMETER LINEAL FEET
R-4030-4	H	0.1	1.5
R-4030-6	H	0.1	2.1
R-4030-8	H	0.2	2.7
R-4030-10	H	0.3	3.3
R-4030-12	H	0.4	3.9
R-4030-15	H	0.8	4.8
R-4030-18	B	1.1	5.8
R-4030-21	B	1.3	6.7
R-4030-24	B	2.1	7.6
R-4030-27	G	2.8	8.6
R-4030-30	G	3.4	9.4

CATALOG NUMBER	GRATE TYPE	SQ. FT. OPEN	WEIR PERIMETER LINEAL FEET
R-4040-6	E	0.1	2.1
R-4040-8	E	0.2	2.7
R-4040-10	E	0.3	3.3
R-4040-12	E	0.5	3.9
R-4040-15	E	0.7	4.8
R-4040-18	E	0.9	5.8
R-4040-21	G	1.4	6.7
R-4040-24	G	1.6	7.6
R-4040-27	G	2.3	8.6
R-4040-30	G	2.9	9.4



Fits in bell end of standard sewer pipe.

Bell and spigot vitrified clay and concrete pipe are made under many specifications and dimensions vary. Check the grate sizes in the table to be sure they will fit the pipe you are using.

If specified, special setback lug arrangement is available on R-4040 series, which modifies grate to fit corrugated metal pipe in sizes indicated. Not available on R-4030 series.



R-4030 type grates



R-4040 type grate with legs

Dimensions in inches

Catalog No.	Catalog No.	Pipe Size	Grate Dia.	Grate * Thickness
Heavy Duty	Light Duty			
R-4030-4 £	n/a	4	5 3/4	1 1/2
R-4030-6 £	R-4040-6	6	8	2
R-4030-8 £	R-4040-8	8	10 3/8	2 1/4
R-4030-10 £	R-4040-10	10	12 5/8	2 1/2
R-4030-12 £	R-4040-12	12	14 3/4	2 1/2
R-4030-15 £	R-4040-15	15	18 1/4	2 3/4
R-4030-18 + **	R-4040-18	18	22	2 3/4
R-4030-21 + **	R-4040-21	21	25 1/2	3
R-4030-24 + **	R-4040-24	24	29	3 1/4
R-4030-27 **	R-4040-27	27	32 3/4	3 1/2
R-4030-30 **	R-4040-30	30	36	3 3/4

* For Light Duty series, this figure includes legs.

** Slotted openings.

£ Square openings

+ Slight crown.