

# EJ Typical Casting Applications – Indiana

<i>EJ p/n</i>	<i>Structure Opening</i>	<i>Frame Opening or Grate Area</i>	<i>Frame Height</i>	<i>INDOT Item No</i>	<i>Catalog 18 Page No</i>	<i>Grate Wier Perimeter</i>	<i>Grate Sq In Opening</i>	<i>Comments</i>
<b>MH Covers - Round</b>								
1022Z1	24" dia	20 3/4"	7"		43	n/a		1020 cover
2996Z	24" dia	21"	4 1/2"		139	n/a		1020 cover
1045Z2	24" dia	24"	7"		44	n/a		1040 cover
1925Z1	24" dia	21 5/8"	7"	Type 4	107	n/a		
<b>MH Grates - Round Flat</b>								
1022Z1M1	24" dia	20 3/4"	7"		42, 43	71	140	1020M1 grate
2996ZM1	24" dia	21"	4 1/2"		139	71	140	1020M1 grate
1045Z2M1	24" dia	24"	7"		44	82	175	1040M1 grate
<b>MH Grates - Round Beehive</b>								
1022Z1O1	24" dia	20 3/4"	7"		42,43	71	115	1020 grate
1037ZO1	24" dia	21"	4"		42	71	115	1020 grate
1045Z2N	24" dia	24"	7"		44	82	140	1040 grate
1045Z2O2	24" dia	24"	7"		44	82	185	1040 grate
6489N	24" dia	n/a	5 1/8"		213	104	220	"milk stool"
<b>Inlet Grates - Flat</b>								
V5630	30" sq	30" sq	4"		201	127	474	
V5636	36" sq	36" sq	4"		201	150	651	
V5660	24" x 36"	22" x 34"	4"		202	119	390	
V5662	24" x 30"	24" x 30"	4"		202	83	390	***
V5667	24/30" x 46/48"	24" x 48" *	4"		202	151	598	***
V5669	30" x 46/48"	30" x 48" *	4"		202	163	724	***
V5624	24" sq	24" sq	4"		201	103	295	
5425M2	24" x 48"	19 1/2" x 43"	8"	Type 5	199	135	440	
6500	24" sq	280 sq in	7.25"		215	96	280	Beehive
6610 O	30" sq	430 sq in	6"	Type 7	216	120	430	Beehive
<b>Inlet Grates - Roll Curb</b>								
V4520	24" x 36"	458 sq in			172	125*	458	***
7430M1	24" x 24"	315 sq in			247	65*	315	
7432M	30" x 30"	400 sq in			247	61*	400	
7490M3	24" x 24"	220 sq in			250	50*	230	
7495M1/M2	24" x 30"	~200 sq in			250	55*	250	
* Only the flat portion is calculated.								
<b>4-Sided Curb Back Grate</b>								
7010M3	24" sq	~150 sq in			220	55**	140	***
7030M2	24" x 36"	~250 sq in			222	71**	260	***
7505M3	24" x 36"	~400 sq in		Type 10	252	66**	400	***
7510M3	30" x 36"	~350 sq in			253	84**	446	***
7520M2	24" x 24"	145 sq in		Type 8	254	53**	145	***
7565M2	30" x 48"	440 sq in		Type 15	257	90**	440	
** Only 3 sides are calculated.								

Made in the USA of ASTM A48 Class 35B iron meeting AASHTO M306 and INDOT specifications.