

INDIANA DEPARTMENT OF TRANSPORTATION



INTER-DEPARTMENT COMMUNICATION

Standards Section – Room N642



Writer's Direct Line

232-6775

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DESIGN MEMORANDUM No. 03-03
TECHNICAL ADVISORY

TO: All Design, Operations, District Personnel, and Consultants

FROM: /s/ Anthony L. Uremovich
Anthony L. Uremovich
Acting Design Policy Engineer
Contracts and Construction Division

SUBJECT: Compatibility of Drainage Structures and Castings

EFFECTIVE: Immediately

Attached is Figure-03-03A. It shows which castings may be used with given types of castings, inlets, or manholes. The information shown in the figure is complementary to that shown on the related INDOT *Standard Drawings*. When developing a drainage plan, the designer should refer to the figure to ascertain structure and casting compatibility. If the designer desires to use a structure-casting combination other than those permitted in the figure, he or she should contact the Design Division's Hydraulics Unit.

Str.	Type	Casting Types												
		2	3	4	5	6	7	8	10	12	12A	13	14	15
Catch Basins	A	X	X					X						
	D					X								
	E						X							
	J								X					
	K								X					
	S												X	
	W ¹	X	X						X					
Inlets	A	X	X					X						
	B													X
	C													X
	D					X								
	E						X							
	F						X							
	G						X							
	H, HA				X									
	J								X					
	M								X					
	N									X				
	P										X			
	R											X		
	S												X	
T													X	
Manholes	A	X		X										
	B	X		X										
	C ²	X		X				X	X					
	D	X		X				X	X					
	E	X		X				X	X					
	F	X		X				X	X					
	G	X		X				X	X					
	H	X		X				X	X					
	J	X		X				X	X					
	K	X		X				X	X					
	L	X		X				X	X					
	M	X		X				X	X					
	N	X		X				X	X					

Notes: ¹ May be substituted for catch basin type A. ² May be substituted for manhole type A or B.

COMPATIBILITY OF DRAINAGE STRUCTURES AND CASTINGS

Figure 03-03A