

# INDIANA DEPARTMENT OF TRANSPORTATION



INTER-DEPARTMENT COMMUNICATION  
*Standards Section – Room N642*



*Writer's Direct Line*  
232-6775

April 15, 2003

## 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 <sup>1</sup>	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 <sup>2</sup>	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: <sup>1</sup> May be substituted for catch basin type A. <sup>2</sup> May be substituted for manhole type A or B.

### COMPATIBILITY OF DRAINAGE STRUCTURES AND CASTINGS

Figure 03-03A