

MATERIAL	PIPE TYPE				
	1	2	3	4	5
Non-Reinforced Concrete Pipe				X	
Non-Reinforced Concrete Pipe, Class 3 (S)	X	X	X		
Reinforced Concrete Pipe (S)	X	X	X		
Reinforced Concrete Horizontal Elliptical Pipe (S)	X	X	X		
Corrugated Steel Pipe (C)	X		X		X
Corrugated Steel Pipe-Arch (C)	X		X		X
Polymer Precoated Galvanized Corrugated Steel Pipe (C)	X		X		X
Fiber Bonded Bituminous Coated Corrugated Steel Pipe (C)	X		X		X
Fully Bituminous Coated and Lined Corrugated Steel Pipe (S)		X			X
Fiber Bonded Bituminous Coated Corrugated Steel Pipe-Arch (C)	X		X		X
Fully Bituminous Coated and Lined Corrugated Steel Pipe-Arch (S)		X			X
Corrugated Aluminum Alloy Pipe (C)	X		X		X
Corrugated Aluminum Alloy Pipe-Arch (C)	X		X		X
Structural Plate Steel Pipe (C)	X		X		
Polymer Precoated Galvanized Corrugated Steel Pipe-Arch (C)	X		X		X

LEGEND

(C)- Corrugated Interior Culvert Pipe.

(S)- Smooth Interior Culvert or Storm Sewer Pipe.

GENERAL NOTES

- The prescribed uses for the pipe types are as follows:
 - Type 1 Pipe - Culverts under mainline pavement and public road approaches.
 - Type 2 Pipe - Storm sewer pipe.
 - Type 3 Pipe - Culverts under driveways and field entrances.
 - Type 4 Pipe - Drain tile and longitudinal underdrains.
 - Type 5 Pipe - Broken back and other installations requiring coupled pipe.
- Refer to Standard Drawings E 715-PHCL-01 through E 715-PHCL-23 and E 717-PHCL-01 through E 717-PHCL-10 for allowable heights of cover for various pipe materials (except Type 4 pipes).
- Refer to Standard Drawings E 715-PSLC-01 through E 715-PSLC-03 for required pipe service life criteria.
- Any pipe material which is in accordance with the designated pipe type, acceptable for cover conditions, and conforms to service life criteria may be installed.

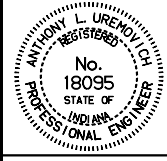
MATERIAL	PIPE TYPE				
	1	2	3	4	5
Structural Plate Steel Pipe-Arch (C)	X		X		
Structural Plate Aluminum Alloy Pipe (C)	X		X		
Structural Plate Aluminum Alloy Pipe-Arch (C)	X		X		
Clay Pipe, Extra Strength (S)	X	X	X		
Clay Pipe				X	
Perforated Clay Pipe				X	
Corrugated Polyethylene Pipe, Type SP				X	
Corrugated Polyethylene Pipe, Type (S)	X	X	X	X	X
Ribbed Polyethylene Pipe (S)	X	X	X		X
Smooth Wall Polyethylene Pipe (S)	X	X	X		X
Corrugated Polyethylene Tubing				X	
Perforated PVC Semicircular Pipe				X	
Profile Wall PVC Pipe (S)	X	X	X	X	X
Smooth Wall PVC Pipe (S)	X	X	X		X
Concrete Drain Tile				X	
Clay Drain Tile				X	

INDIANA DEPARTMENT OF TRANSPORTATION

PIPE CLASSIFICATION TABLES

JANUARY 1998

STANDARD DRAWING NO. E 715-PIPE-01

	DETAILS PLACED IN THIS FORMAT 7-27-99	
	/s/ Anthony L. Uremovich	7-27-99
	DESIGN STANDARDS ENGINEER	DATE
/s/ Firooz Zandi		7-27-99
CHIEF HIGHWAY ENGINEER		DATE
DESIGN STANDARDS ENGINEER		ORIGINALLY APPROVED 1-02-98