

PIPE MATERIAL	pH RANGE ③					
	(ACID) L (< 5)		M (5 - 9) ④		(BASE) H (> 9)	
	COATING	PAVING	COATING	PAVING	COATING	PAVING
STEEL GALVANIZED	P	I	BP	I	P	I
ALUMINUM-COATED TYPE 2 STEEL	-	-	HB	I	-	-
ALUMINUM ALLOY	B	I	HB	I	B	I
REINFORCED CONCRETE	-	EP	-	-	-	EP
PLASTIC	-	-	-	-	-	-

HB - HALF ASPHALT COATED
 B - FULLY ASPHALT COATED
 BP - FULLY ASPHALT COATED OR POLYMERIC COATED
 P - POLYMERIC COATED (PRECOATED GALVANIZED)
 EP - EXTRA PROTECTION
 I - PAVED INVERT

NOTES

1. EXCEPTIONS FOR STORM SEWERS:
 - a. ANNULAR CORRUGATED PIPE SHALL BE FULLY LINED.
 - b. HELICAL CORRUGATED PIPE > 24" DIA. SHALL BE FULLY LINED.
 - c. HELICAL CORRUGATED PIPE < 24" DIA. SHALL NOT REQUIRE COATING, PAVING, OR LINING.
 - d. SPIRAL RIB PIPE SHALL NOT REQUIRE COATING, PAVED INVERT, OR LINING.
 2. EXCEPTIONS FOR ENTRANCE PIPE:
 - a. COATINGS REQUIRED FOR LOW pH LEVELS.
 - b. PAVED INVERTS SHALL NOT BE REQUIRED FOR ENTRANCE PIPE.
 - c. ENTRANCE PIPE GREATER THAN 30" DIA. SHALL BE CULVERT PIPE.
- ③ L = LOW pH RANGE (ACID)
 M = MEDIUM pH RANGE
 H = HIGH pH RANGE (BASE)
- ④ ALUMINUM COATED TYPE 2 STEEL IS ONLY PERMITTED IN Ph RANGES OF 5 TO 9

KENTUCKY	
DEPARTMENT OF HIGHWAYS	
COATINGS, LININGS AND PAVINGS FOR NON-STRUCTURAL PLATE PIPE	
STANDARD DRAWING NO. RDI-035-01	
SUBMITTED <i>John B. Sackett</i>	12-1-99
<small>DIRECTOR, DIVISION OF DESIGN</small>	<small>DATE</small>
APPROVED <i>J. M. Howell</i>	12-1-99
<small>STATE HIGHWAY ENGINEER</small>	<small>DATE</small>