

| 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 > OR = 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.

SUBMITTED W. T. Lujan 10-19-2022
DIVISION DIRECTOR DATE



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS



DRAWING TITLE: SEPIA 021 - COATINGS, LININGS AND PAVINGS FOR NON-STRUCTURAL PLATE PIPE

ITEM NO. COUNTY OF

SHEET NO.