

**CHANNELLIZATION MATERIALS**

**THERMOPLASTIC:**

1. TYPE A PLASTIC PAVEMENT MARKINGS SHALL BE HYDROCARBON BASED PLASTIC ONLY. NO ALKYD BASED TYPE A PLASTIC PAVEMENT MARKING MATERIAL WILL BE ALLOWED ON PROJECTS IN THE CITY. REFER TO SECTION 9-34.3 OF THE WSDOT STANDARD SPECIFICATIONS FOR ADDITIONAL INFORMATION. TYPE A PLASTIC PAVEMENT MARKINGS SHALL BE BC2000 HIGH PERFORMANCE EXTRUDE THERMOPLASTIC, MANUFACTURED BY ENNIS-FLINTJ, 4161 PIEDMONT PARKWAY SUITE 370, GREENSBORO, NC 27410.
2. TYPE B PLASTIC PAVEMENT MARKINGS SHALL BE ALKYD BASED PLASTIC ONLY. NO HYDROCARBON BASED TYPE B PLASTIC PAVEMENT MARKING MATERIAL WILL BE ALLOWED ON PROJECTS IN THE CITY. REFER TO SECTION 9-34.3 OF THE WSDOT STANDARD SPECIFICATIONS FOR ADDITIONAL INFORMATION. TYPE B PLASTIC PAVEMENT MARKINGS SHALL BE PREMARK, MANUFACTURED BY ENNIS-FLINTJ, 4161 PIEDMONT PARKWAY SUITE 370, GREENSBORO, NC 27410.
3. TYPE D PLASTIC PAVEMENT MARKINGS SHALL BE HPS-6 MMA, MANUFACTURED BY ENNIS-FLINTJ, 4161 PIEDMONT PARKWAY SUITE 370, GREENSBORO, NC 27410 OR ALPINE MMA, MANUFACTURED BY ALPINE PRODUCTS INC., 550 3RD ST SW, AUBURN WA 98001.

4. PLASTIC PAVEMENT MARKINGS ON PORTLAND CEMENT CONCRETE PAVEMENT SHALL BE TYPE D, EXCEPT FOR WORD AND SYMBOL MARKINGS SPECIFIED IN THE PLANS TO BE TYPE B.

5. TYPE B PLASTIC PAVEMENT MARKINGS SPECIFIED ON THE PLANS TO BE APPLIED ON PORTLAND CEMENT CONCRETE SHALL BE INSTALLED ON CLEAN, DRY CONCRETE IN CONJUNCTION WITH PREMARK LOW-VOC SEALER IN ACCORDANCE WITH THE MANUFACTURER'S APPLICATION INSTRUCTIONS FOR PORTLAND CEMENT CONCRETE. NEW CONCRETE SHALL BE ALLOWED TO CURE A MINIMUM OF 45 DAYS BEFORE APPLICATION.

**PAINT:**

1. ALL PAINT SHALL BE SOLVENT BASED PAINT. WATERBORNE PAINT WILL NOT BE PERMITTED FOR USE.

**RAISED PAVEMENT MARKERS:**

1. TYPE 1 RAISED PAVEMENT MARKERS SHALL BE ALPINE PRODUCTS MODEL ANR-Y1, STIMSONITE MODEL B10 OR APPROVED EQUAL.
2. TYPE 2 RAISED PAVEMENT MARKERS SHALL BE STIMSONITE MODEL 953, STIMSONITE MODEL 980 OR APPROVED EQUAL.

**ADHESIVES:**

1. ALL RAISED PAVEMENT MARKERS INSTALLED ON HMA PAVEMENTS SHALL BE INSTALLED WITH A BITUMINOUS ADHESIVE. CRAFCO STANDARD PAVEMENT MARKER ADHESIVE, PART NUMBER 34269, MANUFACTURED BY CRAFCO, INC., 6165 W. DETROIT ST., CHANDLER AZ 85526; HET184 FLEXIBLE DOT STICK BITUMINOUS MARKER ADHESIVE MANUFACTURED BY HENRY COMPANY, 999 N. SEPULVEDA BLVD, SUITE 800, EL SEGUNDO CA 90245; OR APPROVED EQUAL. INSTALLATION SHALL BE ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS.
2. ALL RAISED PAVEMENT MARKERS INSTALLED ON PORTLAND CEMENT CONCRETE PAVEMENTS SHALL BE INSTALLED WITH AN EAS-06 TWO-PART EPOXY, MANUFACTURED BY FORREST TECHNICAL COATINGS, 1011 MCKINLEY ST., EUGENE OR 97402, OR APPROVED EQUAL. INSTALLATION SHALL BE ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS.
3. PRECAST TRAFFIC CURB SHALL BE INSTALLED WITH EPOXY ADHESIVE. EPOXY SHALL BE EAS-06 TWO-PART EPOXY, MANUFACTURED BY FORREST TECHNICAL COATINGS, 1011 MCKINLEY ST., EUGENE OR 97402, OR APPROVED EQUAL. INSTALLATION SHALL BE ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS.



**MATERIAL SPECIFICATION FOR CHANNELLIZATION**

DRAWING NUMBER	CH-300-1
SCALE	NONE
REVISION DATE	6/18
DEPARTMENT	TRANS