CHANNELIZATION 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 PAVEMARK HYDROCARBON BC2000 HIGH PERFORMANCE EXTRUDE THERMOPLASTIC, MANUFACTURED BY ENNIS-FLINT.
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-FLINT OR OPTAMARK BY GEVEKO MARKINGS, INC.
3. 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.
4. TYPE D PLASTIC PAVEMENT MARKINGS SHALL BE HPS-6 DURASET MMA, MANUFACTURED BY ENNIS-FLINT.
5. 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.

PAINT:

1. ALL PAINT SHALL BE LOW VOC 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 OR ANR-W1, STIMSONITE MODEL B10 OR APPROVED EQUAL.
2. TYPE 2 RAISED PAVEMENT MARKERS SHALL BE ENNIS FLINT STIMSONITE MODEL C80, 980, OR 953, OR APPROVED EQUAL.

DELINEATOR POSTS:

1. DELINEATOR POSTS AT PRECAST CURB NOSES SHALL BE FG-300-UR, 24" URETHANE MANUFACTURED BY PEXCO. WHITE POSTS SHALL HAVE (2) 3" REFL. HIP WHITE WRAPS AND A WHITE BASE; YELLOW POSTS SHALL HAVE (2) 3" REFL. HIP YELLOW WRAPS AND A YELLOW BASE.

ADHESIVES:

1. ALL RAISED PAVEMENT MARKERS INSTALLED ON HMA PAVEMENTS SHALL BE INSTALLED WITH A BITUMINOUS ADHESIVE, HOT APPLIED FLEXIBLE MARKER ADHESIVE, PART NUMBER 34270, MANUFACTURED BY CRAFCO, INC.; HE184 FLEXIBLE DOT STICK BITUMINOUS MARKER ADHESIVE MANUFACTURED BY HENRY COMPANY; 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 EAS-06 FIRMMARKER TWO-PART EPOXY, MANUFACTURED BY FORREST TECHNICAL COATINGS, 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 TWO-PART EPOXY, EAS-06 FIRMMARKER OR CURB EPOXY ADHESIVE EAS-08 GRADE 4, MANUFACTURED BY FORREST TECHNICAL COATINGS, OR ULTRABOND 1 BY ADHESIVES TECHNOLOGIES CORPORATION, OR APPROVED EQUAL. INSTALLATION SHALL BE ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS.

City of Bellevue

MATERIAL SPECIFICATION FOR CHANNELIZATION

DRAWING NUMBER	CH-300-1
SCALE	NONE
REVISION DATE	10/26
DEPARTMENT	TRANS