

SECTION 32 17 23

PAVEMENT MARKINGS

PART 1 GENERAL

1.01 STRIPING

- A. Comply with City and County of Denver standards and specifications for pavement marking within the public right-of-way.
- B. Paint: All exterior surface paint must be PPG Traffic Paint or approved equal by DPS.
 - 1. Solid areas of paint are not to exceed 12 feet in any direction.
 - 2. Parking lot and dock areas to use yellow or white paint only. In general, parking spaces are to be white and no parking zones will be yellow.

1.02 MAPS, EDUCATIONAL PLAY ELEMENTS, AND PLAYGROUND GAMES

- A. As educational elements, all maps should strive for complete geographic accuracy. Alaska and Hawaii should be striped in their correct locations and should be proportional in size.
- B. Maps should be accurate in their orientation. Every effort should be made to have north on the striped map point north on the site.
- C. Standard allowable colors are as follows: Dark Red, Light Red, Dark Green, Light Green, Dark Blue, Light Blue, Yellow, White, Dark Purple, Light Purple, Dark Orange, and Light Orange. Refer to Learning Landscape standards, toolkit PDF, and website for more information. (<http://www.active-environments.com/schoolyards/learning-landscapes/>).
- D. Chalk and have paint layout and location approved by DPS Project Manager prior to painting.
- E. On the 23rd month of the 24 month warranty the painted elements are to be repainted.

PART 2 MATERIALS

2.01 PAVEMENT MARKING FOR TRAFFIC CONTROL

- A. Specified pavement marking materials shall be used in loading dock and parking areas and at locations identified in the Construction Drawings and Documents.
 - 1. FS TT-P-115, Type I Alkyd, white, blue, yellow and red color paint meeting requirements of CDOT Standard Specification 708. Verify colors and extent of painting prior to painting. Unless noted on plans, evident at existing striping or instructed, provide white in color for traffic striping, parking stalls, and other control markings on internal pavement, yellow in color for traffic control markings or restricted parking or where indicated, blue in color for accessible parking stalls, and red in color for curbs where no parking is indicated. ReflectORIZED paint required for traffic stripes and control markings on internal drive, road or street pavements.
 - 2. Furnish paint with a no-pick-up maximum drying time of 20 minutes, when tested according to ASTM D711 using a wet film thickness of 0.015-inch when tested and applied at 77 degrees F.
 - 3. 3M Stamark 5730 preformed plastic marking material or an accepted substitute shall be used for crosswalks, stop bars, symbols (i.e. turn arrows) and striping for separation of turn and through lanes in City of Denver or other public right-of-way. Onsite symbols may be painted. Use of thermoplastic pavement marking is not permitted.

END OF SECTION 32 17 23