

RESTAURANT UTILITIES PROJECT

TULALIP, WASHINGTON

SECTION 32 17 23 – PAVEMENT MARKINGS

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Preparation and application of painted parking lot pavement markings.
- B. Preparation and application of paint on curbs, guard posts, and light pole bases.

1.02 RELATED SECTIONS

- A. Division 1 Specification Sections.
- B. Specification Section 32 12 00 – FLEXIBLE PAVING
- C. Specification Section 32 16 13 – CURBS AND SIDEWALKS
- D. Construction Drawings

1.03 REFERENCE STANDARDS

- A. Federal Specifications and Standards
 - 1. A-A-2886A Paint, Traffic, Solvent Based (supersedes FS TT-P-85E and FS TT-P-115F, Type I)
- B. American Association of State Highway and Transportation (AASHTO)
 - 1. AASHTO M248 Ready-Mixed White and Yellow Traffic Paints
- C. Standard Specifications for Road, Bridge & Municipal Construction, WSDOT/APWA, latest edition.

1.04 PROJECT CONDITIONS

- A. Maintain access for vehicular and pedestrian traffic as required for other construction activities. Utilize flagmen, barricades, warning signs, and warning lights as required.

1.05 QUALITY ASSURANCE

- A. Use trained and experienced personnel in applying the products and operating the equipment required for properly performed work.

PART 2 PRODUCTS

2.01 PAINT

- A. Paint shall be non-bleeding, quick-drying, and alkyd petroleum-based paint suitable for traffic-bearing surface and be mixed in accordance with

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manufacturer's instructions before application for colors White, Yellow, Blue and Red.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Examine the work area and correct conditions detrimental to timely and proper completion of the work. Do not proceed until unsatisfactory conditions are corrected.

3.02 PREPARATION

- A. Sweep and clean surface to eliminate loose material and dust.
- B. Where existing pavement markings are indicated on Construction Drawings to be removed or would interfere with adhesion of new paint, a motorized abrasive device shall be used to remove the markings. Equipment employed shall not damage existing paving or create surfaces hazardous to vehicle or pedestrian traffic. Within public rights-of-way, appropriate governing authority shall approve method of marking removal.
- C. New pavement surfaces shall be allowed to cure for a period of no fewer than 30 days before application of marking materials.

3.03 APPLICATION

- A. Apply two coats of paint at manufacturer's recommended rate, without addition of thinner, with maximum of 100 square feet per gallon. Apply with mechanical equipment to produce uniform straight edges. At sidewalk curbs and crosswalks, use straightedge to ensure uniform, clean, and straight stripe.
- B. Install pavement markings according to manufacturer's recommended procedures for the specified material.
- C. Following items shall be painted with colors noted below:
 - 1. Pedestrian Crosswalks: White
 - 2. Guard posts: Yellow
 - 3. Fire Lanes: Red or per local code
 - 4. Lane Striping where separating traffic moving in opposite directions: Yellow
 - 5. Lane Striping where separating traffic moving in the same direction: White
 - 6. Handicap Symbols: Blue or per local code

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7. Parking Stall Striping: White, unless otherwise noted on Construction Drawings

3.04 INSPECTION AND CLEAN UP

- A. After the paint has thoroughly dried, visually inspect the entire application and touch up as required to provide clean, straight lines and surfaces throughout.
- B. Waste materials shall be removed at the end of each workday. Upon completion of the work, all containers and debris shall be removed from the site. Paint spots upon adjacent surfaces shall be carefully removed by approved procedures that will not damage the surfaces and the entire job left clean and acceptable.

END OF SECTION 027650