

**SECTION 32 01 00**

**PAVING AND SURFACING**

**PART 1: GENERAL**

**1.1 SCOPE OF WORK**

- A.. Provide all labor, tools, material and equipment to replace pavement, traffic control loops, pavement stripping, curbs, drives and walks that have been damaged or disturbed during the course of the work, all as specified in contract documents, as directed by the Owner, or as required by local, state, or federal regulations. Placement will be at least equal to the type of pavement, curb, drive, or walk which existed before the work began and to the satisfaction of the Owner.
- B. Furnish all labor, tools, material, and equipment necessary to spread and roll and/or tamp temporary bituminous pavement, complete, in place, and maintain the same all as specified or as directed by the Owner
- C. During the entire period of construction of the project, keep all streets, curbs, drives and walks in clean, usable, and safe conditions for public use. Keep the work area free from accumulations of waste material, rubbish and other debris resulting from the Work. Clean all roadways daily. Sweep, scrape, shovel or use whatever other approved means, including mechanical pickup sweeper that may be necessary to clean and maintain the roadways to the satisfaction of Owner and the agency having jurisdictional control over said road
- D. Before final acceptance and after any trench settlement has been corrected to the satisfaction of the Owner, replace pavement, curbs, drives and walks designated by the Owner with the type of replacement specified.

**PART 2: PRODUCTS**

**2.1 MATERIALS**

- A. Furnish materials of construction for traffic control loops, pavement stripping, paving, curbing, and surfacing in accordance with applicable Federal, State and local standards. If there is no applicable standards, use materials which will produce a result that is at least equal to the type which existed before the work began and that is to the satisfaction of the Owner.

**PART 3: EXECUTION**

**3.1 INSTALLATION**

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- A. Saw or line cut the existing pavement, where necessary, as required by local, State or Federal regulations. The edges of the face of the old pavement or base shall be left vertical. Trim ragged edges so as to provide a substantially straight line juncture between the old and new surfaces.
  - B. Place the pavement replacement so as to conform in grade to the existing streets, drives or sidewalks. The type of pavement replacement shall be as shown on the pavement replacement details in accordance with applicable Federal, State or local standards. If there are no such applicable standards, replacement will be made to the satisfaction of the Owner.
  - C. Roll and tamp in place a 2 inch thick (minimum) course of bituminous material over trenches where temporary pavement is ordered. Remove temporary pavement prior to the placing the permanent pavement. The cost shall be included in the contract price. The finished temporary surface shall be flush with the adjacent undisturbed surface. Maintain the temporary bituminous surface until the temporary surface is replaced.
  - D. Before the completion of each day's work, in traveled areas, pave the pipe trench with 6 inches of stabilized base, unless another method of pavement restoration is required by the authorized governing body. Place final paving over the stabilized base, overlap each side of the trench a minimum of 6 inches, and feather to meet the existing pavement; unless another method of pavement restoration is required by the authorized governing body. Place final pavement at least 20 days and not more than 45 days after the backfilling has been completed, unless otherwise directed by the Owner.
  - E. Instead of temporary paving the use of steel roadway plates may be required if an excavation within traveled areas is subject to repeated access prior to backfill/final paving. The use of steel roadway plates shall be in strict accordance all applicable regulations with the Federal, State, County, and/or Local Agency having jurisdiction. Properly secure the steel roadway plates so that they will not be "dragged" from place by a braking truck or "pushed" from place by a snowplow. Submit load bearing calculations, when requested by the Owner, sealed by a Professional Engineer who is licensed to practice in the applicable State. Calculations must demonstrate that the steel roadway plate is properly designed and installed to accommodate HS-20 vehicular loadings based upon plate dimensions (L x W x T), steel strength, and the size of the excavation (L x W) to be protected.

### 3.2 MAINTENANCE

- A. Following the certification of completion by the Owner, maintain the surfaces of curbs and gutters, paved surfaces and sidewalks for a period of one year thereafter, or for such greater period as may be required by Federal, State or local authorities. Supply all material and labor required for such maintenance. The work shall be done in a manner satisfactory to the Owner at no additional cost to the Owner.

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