

ITEM 24

SHOULDER/SIDEWALK AREA TREATMENT

24.01 SCOPE

This item shall consist of suitable borrow material or mineral aggregate placed on the shoulders or sidewalk areas of the right-of-way (outside paved street) adjacent to construction of this contract. The application of this material shall be to the level of the top of the new construction or as directed by the engineer and shall extend from the new construction toward the street right-of-way line and be placed in driveways, shoulders, sidewalk areas or other areas designated by the engineer.

24.02 MATERIALS

The borrow material shall consist of dry or damp sandy loam, clayish loam soil or a mixture of these. The presence of decomposed organic material and silt in the soil may be permitted to a limited degree subject to the approval of the engineer prior to its being placed. In no case shall the soil consist of rocks or gravel in excess of 1/2" in size. The placing of wet material will not be permitted. The soil used for filling the designated areas behind the curb (sidewalk area) shall be suitable for seeding or sodding of grass immediately after it is placed.

Material shall be inspected at the source or borrow area prior to its placement and shall be exposed to a sufficient depth to permit the inspector to determine the suitability of such material. Mineral aggregate shall be Type A, Grade D, in accordance with Section 14.02 of the specifications.

24.03 EQUIPMENT

All equipment necessary for the proper construction of the work under this item shall be on the project or certify that such equipment is available and in first-class working order and approved prior to the start of the construction of the project. In general, the equipment shall consist of dump trucks with a capacity not to exceed twenty (20) cubic yards or forty (40) tons. This is to prevent excessive loads on streets near the berms, especially on residential streets. The equipment shall also consist of a small motor grader, hand shovels, hand rakes, hoes, picks, etc., and other small tools as required to complete the work as specified or directed.

24.04 PLACING, FINISHING AND CLEANUP

The borrow excavation-sidewalk area soil dressing may be transported to the designated areas in dump trucks and dumped in a series of piles in sufficient quantities to fill the sidewalk area as required or directed. The material shall then be spread by hand,

compacted and raked to a smooth finish to the lines and grades as directed by the engineer. Mineral aggregate may be placed by conveyor belt shoulder machine with approval of the engineer. The use of a small motor grader may be permitted for spreading provided that the edge of the blade shall be no less than eight (8") inches from the outside (right-of-way) edge of the berm, and provided further that the material will not roll into the gutter or paved area, then the entire area hand-compacted and raked to a smooth finish to lines and grades as directed by the engineer.

After the material has been spread, compacted and finished, the entire paved portion of street shall be cleaned or washed of all dirt by sweeping or washing and left in a clean and acceptable manner. Excess dust caused by this operation will not be permitted.

24.05 MAINTENANCE AND PROTECTION

The contractor shall be responsible for any and all maintenance and protection to the work done under this item until it is accepted by the City and under the terms and conditions of the General Provisions of these Contract Documents.

24.06 METHOD OF MEASUREMENT

The quantity of borrow excavation sidewalk area soil dressing to be paid for shall be the number of tons placed, compacted, finished, and accepted. The quantity of soil shall be determined by weights of the difference between the weight of the transporting vehicle empty and the weight of the same vehicle loaded, as evidenced by delivery tickets, all as directed by the engineer. Weight of water above that approved will be deducted from the tonnage. In no case will wet material be paid for unless special permission is obtained from the engineer to place such material, and then excess weight of water will be deducted.

Mineral aggregate for shoulder or sidewalk treatment shall be measured by the ton. When mixing is performed in a stationary plant, all moisture in the aggregate at the time of weighing in excess of six percent will be deducted. No direct payment for water will be made.

24.07 BASIS OF PAYMENT (IF APPLICABLE)

Payment shall be made at the contract price per ton of borrow excavation sidewalk area soil dressing. This price shall be full compensation for the furnishing of all materials, for hauling and placing of these materials in an acceptable manner, for all labor, equipment, tools and incidentals necessary to complete this item in place as indicated or directed and in accordance with the provisions, stipulations, conditions as specified herein.

24.08 PAYMENT (IF APPLICABLE)

Payment shall be made for this item at the price per ton for borrow excavation (24A) or mineral aggregate (24B) for sidewalk or shoulder area treatment.

END OF DOCUMENT