

ATTACHMENT A

SPECIAL PROVISIONS

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The grading items are multi-faceted in nature with different material at varied locations. Each will be treated as a separate item. The Contractor must provide all equipment and personnel necessary to excavate, load, transport, spread and compact the designated materials as described in the following special provisions.

CLAY FILL

The Contractor shall place this material as specified in the special provision defining compacted filling. This material shall be used to bring the site to subgrade level for the clay cap and for the clay cap itself. This clay cap has a depth of 2 feet, and covers the entire site. This lift shall not be exposed for more than 2 days before the topsoil item is placed. If a zone of clay cap layer surface has been left exposed to the elements for a period of more than 48 hours, or when specified by the engineer (such as after a precipitation event), the surface shall be scarified and recompacted or removed. Cost of such work shall be at the contractor's expense. The compaction requirements for this item shall be in accordance with specifications set forth set forth under the item compacted filling.

TOPSOIL

This material, in part, may be the same as Clay Fill. Th Contractor shall spread this material without a requirement for compaction. The depth of the topsoil shall be 6-inches, and covers the entire site.

UNCLASSIFIED GRADING (CUTTING)

This material is on site and at a higher elevation than desired on the north end of the project. The Contractor shall move this material to low areas and consolidate it in accordance with the compacted filling requirements. Any clearing and grubbing and brush clearing cost shall be included.

COMPACTED FILLING

When compacted filling is required, the item shall include all work necessary to compact the fill material to 95% of the maximum theoretical density as per paragraph 401.5.4 of the specifications. The existing surface shall be bladed to remove the turf. Fill can be placed after the subgrade has been thoroughly compacted with sheepsfoot or similar rollers. Clay fill shall be placed in 6-inch lifts. Maximum rock size shall be less than 4-inches in any dimension. A curve showing optimum moisture content will be provided. The moisture content shall be at optimum or no more than 3 points above the optimum figure. Nuclear meter reading will determine compliance, and will be provided by City personnel or consultants.

Prior to compaction, the clay may be mixed by disc-harrowing, if directed by the engineer. Finish the clay surface with a smooth roller at the end of each day on which clay is emplaced, so that the surface is smooth and without indentations that could allow moisture penetration.

PROVIDE AND MAINTAIN EROSION CONTROL MEASURES

Erosion control measures shall be constructed as required. This item includes adjusting, supporting and maintaining the fence to the satisfaction of the Engineer.

GENERAL

All work is governed by the City of Milwaukee Street Construction Specifications dated July 1, 1992, except as noted.

All work covered by this memorandum is to be completed by April 19, 2002.

Boring logs, insitu moisture content, and optimum moisture curves are available in the Construction Office, 286-2497.

The City will provide all surveying and staking required on this project.

SEEDING

The seeding shall be in conformance with Section 630 of the State of Wisconsin Division of Transportation (WISDOT) Standard Specifications for Highway and Structure Construction (1996 Edition). The type of seed shall be Seed Mixture No. 10. Additionally, this item shall include the mulching of all seeded areas. Mulching shall be in accordance with Section 627 of the WISDOT specifications.