

SECTION 02935
GROUND COVER

PART 1 - GENERAL

1.01 WORK INCLUDED

- A. Consists of furnishing and applying fertilizer, seed, mulch cover, asphalt and water at all locations disturbed by the construction.
- B. Maintenance service.

1.02 QUALITY ASSURANCE

- A. Perform work with personnel experienced in the work required of this section under direction of a skilled foreman.

1.03 DELIVERY, STORAGE, AND HANDLING

- A. Deliver plant materials to the site in accordance with Owner's policies and requirements.
- B. Keep grass seed and fertilizer dry and out of the weather.

1.04 WARRANTY

- A. Provide one year warranty from date of final acceptance.
- B. Replace areas found dead, or not in a healthy growing condition.

PART 2 - PRODUCTS

2.01 MATERIALS

- A. Fertilizer shall be commercial grade, uniform in composition, free flowing and suitable for application with mechanical equipment, delivered to the site in labeled containers, conforming to current fertilizer laws and bearing the name, trademark and warranty of the producer.
- B. The seed shall be labeled in accordance with current rules and regulations of the U.S. Department of Agriculture and shall have a minimum of 98% pure seed and 85% germination by weight, and shall contain no more than 1% weed seeds. A combined total of 50 noxious weed seeds shall be the maximum amount allowed per pound of seed with the following exceptions: Johnson grass seed, wild onion seed, wild garlic seed, field bindweed seed, or nut grass seed will not be allowed in any amount whatsoever. Seed shall be furnished in sealed, standard containers. Seed which has become wet, moldy or otherwise damaged in transit or in storage will not be acceptable.
- C. Legumes shall be inoculated with an approved culture as recommended by the manufacturer, just prior to seeding. After planting, watering will continue after germination until growth is established.
- D. Seed shall be composed of the varieties and amount by weight as shown below, based on time of application:

	Weight Lbs.
	<u>Per Acre</u>
<u>February 15 - March 15</u>	
Tall Fescue (Ky. 31)	35
Weeping Love Grass (Eragrostis Currala)	5
Lespedeza (Kobe)	35

March 15 - June 1

Bermuda Grass (Common), Hulled	10
Weeping Love Grass (Eragrostis Currala)	5
Bahia (Pensacola)	20
Lespedeza (Kobe)	35

June 1 - September 15

Weeping Love Grass (Eragrostis Currala)	5
Bermuda Seed (Common), Hulled	5
Bermuda Seed (Common), Unhulled	10
Bahia Grass(Pensacola)	20
Brown Top Millet	15

September 15 - November 15

Tall Fescue (Ky.31)	35
Rye Grass (Annual)	10
Crimson Clover (Dixie)	20

- E. Mulch cover shall consist of straw. Mulch shall be dry and reasonably free from Johnson grass or other noxious weeds, and shall not be excessively brittle or in an advanced state of decomposition. All material will be inspected and approved prior to use.
- F. Asphalt in mulch cover shall be of such quality that the mulch cover will be bound together to form a cover mat which will stay intact under normal climatic conditions.
- G. Water shall be of irrigation quality and free of impurities that would be detrimental to plant growth.

PART 3 - EXECUTION

3.01 PREPARATION

- A. Areas to be seeded shall be dressed to natural shape.
- B. The seed bed shall be thoroughly pulverized by means of disk harrows or other approved methods, thoroughly mixing soil to a depth of not less than 6 inches.
- C. Fertilizer shall be applied at the rate of 800 pounds per acre of 12-12-10, or the equivalent amount of plant food. Fertilizer shall be uniformly incorporated into the soil to a depth of at least 2 inches.
- D. Broadcast sowing of seed may be accomplished by hand seeders or by approved sowing equipment. Either method shall result in uniform distribution and no work shall be performed during high winds. The area seeded shall be lightly firmed with a cultipacker immediately after broadcast.
- E. Mulch cover shall be applied at the rate of 4,000 pounds per acre immediately after seeding and shall be spread uniformly over the entire area by approved poser mulching equipment.
- F. Immediately following or during the application of the mulch cover on seeded area, asphalt shall be applied at the rate of 0.05 gallons per square yard.
- G. After application of the mulch cover, water shall be applied in sufficient quantity to thoroughly moisten the soil to the depth of pulverization and then as necessary to germinate the seed and maintain growth.
- H. The contractor shall water and maintain seeded areas from time of completion until final acceptance of the project.
- I. The contractor shall be responsible for establishing ground cover on all disturbed areas. Repeated seeding shall be required if necessary throughout the warranty period.

END OF SECTION 02935