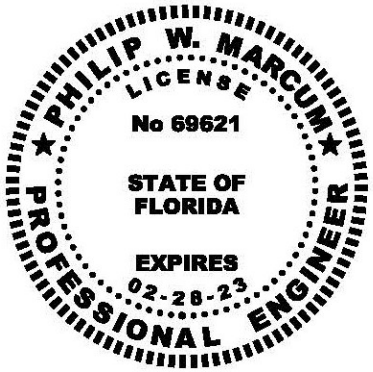
SECTION 32 92 22

SEEDING AND SODDING

APPROVAL STATUS							
PREPARED BY:	PWM	DATE	27July2021	CHECKED BY:	GA	DATE	27July2021
APPROVED BY:	DB	DATE	27July2021				

REVISION STATUS						
REV	ISSUED FOR	REVISED BY	CHECKED BY	APPROVAL	APPROVAL	DATE
0	Bidding					

Engineer's Seal



Digital Signature

Philip W Marcum

Digitally signed by Philip W Marcum
DN: c=US, o=Unaffiliated, ou=A01410D0000017497222E2400009748, cn=Philip W Marcum
Date: 2021.07.28 17:34:01 -04'00'

PHILIP W. MARCUM P.E., STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 69621.

THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY PHILIP W. MARCUM ON 28 JULY 2021, USING A DIGITAL SIGNATURE ISSUED BY IDENTRUST.

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SECTION

SEEDING AND SODDING

PART 1 GENERAL

1.1 SCOPE

The work covered by this section consists of furnishing all plant, labor, equipment, and materials and performing all operations in connection with returning all construction areas to their original conditions or better, including seeding, mulching and fertilizing newly grassed areas. Upon installation, the County will immediately accept maintenance responsibility.

Excavation, filling and grading required to reestablish original elevations are included under other sections of these Specifications.

1.2 SUBMITTALS

A. Seeding and Sodding Plan

The Contractor shall provide a Seeding and Sodding Plan describing the equipment, materials, and procedures for the sodding and mulching of the areas specified in the drawings. The plan shall include information of physical characteristics of the materials, application rate and procedures, surface erosion control and chemical treatment requirements. In addition, the plan shall include a delivery schedule, handling and storage procedures, establishment periods and procedures for the maintenance by the County.

B. Certificates:

Seed and fertilizer shall be certified that they meet requirements of these specifications, stating botanical name, percentage by weight, percentage of purity, germination, and weed seed for each grass seed species.

PART 2 PRODUCTS

2.1 MATERIALS

A. Grassm Seed or Sod

The embankment slopes that are stripped for the planned work should be sodded upon completion of the work. The Contractor should use Bahia sod.

Re-seeding can be used for other areas not on the embankment slopes. The Contractor shall provide State-certified seed of the latest season's crop delivered in original sealed packages, bearing producer's guaranteed analysis for percentages of mixtures, purity, germination, hard seed, weed seed content, and inert material. Label in conformance with AMS Seed Act and applicable state seed laws.

B. Mulch

Mulch shall be free from weeds, mold, and other deleterious materials. Mulch materials shall be native to the region.

C. Water

Initial watering shall be the responsibility of the Contractor. After initial watering, the County shall take over all maintenance responsibilities. Water shall not contain elements toxic to plant life.

D. Pesticide

Pesticide shall be insecticide, herbicide, fungicide, nematocide, rodenticide or miticide.For the purpose of this specification, a soil fumigant shall have the same requirements as a pesticide. The pesticide material shall be EPA registered and approved.

E. Surface Erosion Control Materials

The Contractor shall be responsible for providing erosion control on all exposed surfaces throughout construction. The erosion control measures shall be capable of functioning until a stable stand of grass is established. The Contractor may provide erosion control fabrics, nets or chemicals as necessary to facilitate the work. The erosion control method shall be specified in the Seeding and Sodding Plan and approved by the Engineer.

PART 3 EXECUTION

3.1 INSTALLATION

The areas to be seeded/sodded shall be graded and topsoil placed in accordance with the Earthwork Specification.

Seeding and sodding shall be performed in accordance with the Seeding and Sodding Plan submitted by the Contractor and approved by the Engineer.

Seeded areas shall be protected against traffic or other use by placing warning signs or erecting barricades as necessary.

3.2 CLEANUP

Soil or similar materials spilled onto surrounding paved areas shall be removed promptly, keeping those areas as clean as possible at all times. Upon completion of seeding and mulching operations, all surplus materials and any trash or debris shall be promptly removed from the construction areas.

3.3 MAINTENANCE

Areas planted under this Contract and all grassed areas damaged by the Contractor's operation shall be repaired by the Contractor by proper preparation, seeding, fertilizing in accordance with these Specifications.

The County shall be responsible for all maintenance activities on seeded and sodded areas once the material has been placed.

-- End of Section --