

**Lake Sarah Phase I, II & II
Roadway & Drainage Improvements
Town of Miami Lakes**

Technical Specifications Index

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SPECIAL PROVISIONS

Lake Sarah Phase I, II & III Roadway & Drainage Improvements Town of Miami Lakes

Division II and III of the Florida Department of Transportation “Standard Specifications for Roads and Bridge Construction”, latest edition is hereby incorporated by reference and Contractor shall comply with all requirements. Should any conflicts exist between Divisions II and III of the FDOT requirements and the Contract terms and conditions, the Contract terms and conditions take precedence.

The applicable portions of the Town of Miami Lakes Code and the Florida Building Code shall apply to the project.

Supplemental Technical Specifications that pertain to the pertinent items of construction are located in the following Sections.

SECTION 101

MOBILIZATION

PART 1 GENERAL

1.01 SUMMARY

It is the intent of these specifications that Division II and III of the Florida Department of Transportation "Standard Specifications for Roads and Bridge Construction", latest edition be used as the basis for the work as amended by the General Conditions, Supplementary Conditions, Special Provisions, and the following Supplemental Technical Specification which pertains to the pertinent items of construction.

The applicable portions of the Town of Miami Lakes Code and the Florida Building Code shall apply to the project.

All cost for work, materials, obtaining permits, permit fees and incidental costs as specified above and required for project completion are to be included in the cost of this section unless otherwise specified.

PART 2 MATERIALS

Materials shall be per the previously referenced FDOT "Standard Specifications for Roads and Bridge Construction".

PART 3 EXECUTION

Execution shall be per the previously referenced FDOT "Standard Specifications for Roads and Bridge Construction".

END OF SECTION

SECTION 102

MAINTENANCE OF TRAFFIC

PART 1 GENERAL

1.01 SUMMARY

It is the intent of these specifications that Division II and III of the Florida Department of Transportation "Standard Specifications for Roads and Bridge Construction", latest edition be used as the basis for the work as amended by the General Conditions, Supplementary Conditions, Special Provisions, and the following Supplemental Technical Specification which pertains to the pertinent items of construction.

The applicable portions of the Town of Miami Lakes Code and the Florida Building Code shall apply to the project.

1.02 SUPPLEMENTAL TECHNICAL SPECIFICATION

Article 102-4.1 Where Required – This sub-article is amended to include:

Except as delineated in the Contract Documents, traffic may be detoured only upon approval of the Town.

PART 2 MATERIALS

Materials shall be per the previously referenced FDOT "Standard Specifications for Roads and Bridge Construction".

PART 3 EXECUTION

Execution shall be per the previously referenced FDOT "Standard Specifications for Roads and Bridge Construction".

All cost for work, materials, obtaining permits, permit fees and incidental costs as specified above are to be included in the cost of other bid items.

END OF SECTION

SECTION 104

PREVENTION, CONTROL, AND ABATEMENT OF EROSION AND WATER POLLUTION

PART 1 GENERAL

1.01 SUMMARY

It is the intent of these specifications that Division I, II and III of the Florida Department of Transportation "Standard Specifications for Roads and Bridge Construction" latest edition be used as the basis for the work as amended by the General Conditions, Supplementary Conditions, Special Provisions, and the following Supplemental Technical Specification which pertains to the pertinent items of construction.

The applicable portions of the Town of Miami Lakes Code and the Florida Building Code shall apply to the project.

PART 2 MATERIALS

Materials shall be per the previously referenced FDOT "Standard Specifications for Roads and Bridge Construction".

PART 3 EXECUTION

Execution shall be per the previously referenced FDOT "Standard Specifications for Roads and Bridge Construction".

END OF SECTION

SECTION 300

PRIME AND TACK COAT FOR BASE AND SURFACE COURSE

PART 1 GENERAL

1.01 SUMMARY

It is the intent of these specifications that Division II and III of the Florida Department of Transportation "Standard Specifications for Roads and Bridge Construction" latest edition be used as the basis for the work as amended by the General Conditions, Supplementary Conditions, Special Provisions, and the following Supplemental Technical Specification which pertains to the pertinent items of construction.

The applicable portions of the Town of Miami Lakes Code and the Florida Building Code shall apply to the project.

1.02 SUPPLEMENTAL TECHNICAL SPECIFICATION

Article 300-9 – Basis of Payment - Delete the text of this article and insert the following:

No separate payment will be made for prime coat and tack coat materials but the cost of same, including furnishing, heating, hauling and applying (including sand or screening covering where required), shall be included for payment in the contract unit price per square yard of base or asphalt pavement.

PART 2 MATERIALS

Materials shall be per the previously referenced FDOT "Standard Specifications for Roads and Bridge Construction".

PART 3 EXECUTION

Execution shall be per the previously referenced FDOT "Standard Specifications for Roads and Bridge Construction".

END OF SECTION

SECTION 425

INLETS, MANHOLES AND JUNCTION BOXES

PART 1 GENERAL

1.01 SUMMARY

It is the intent of these specifications that Division II and III of the Florida Department of Transportation "Standard Specifications for Roads and Bridge Construction" latest edition be used as the basis for the work as amended by the General Conditions, Supplementary Conditions, Special Provisions, and the following Supplemental Technical Specification which pertains to the pertinent items of construction.

The applicable portions of the Town of Miami Lakes Code and the Florida Building Code shall apply to the project.

1.02 SUPPLEMENTAL TECHNICAL SPECIFICATION

Article 425-8.1 New Structures Delete the last sentence and insert the following:

Such prices and payments also shall include all backfilling around the structures; the disposal of surplus material; furnishing and placing of all gratings, meter/valve boxes, frames and covers; and any other necessary fittings.

Article 425-6.8 Adjusting Existing Structures – Replace the last sentence of the first paragraph as follows and delete the text of the entire second paragraph:

The materials and construction methods for this work shall conform to the requirements specified above and shall also meet the standards and requirements of the utility company that owns the structure that will be adjusted.

PART 2 MATERIALS

Materials shall be per the previously referenced FDOT "Standard Specifications for Roads and Bridge Construction".

PART 3 EXECUTION

Execution shall be per the previously referenced FDOT "Standard Specifications for Roads and Bridge Construction".

END OF SECTION

**1.04 CONTRACTOR RESPONSIBILITY FOR PURCHASE,
DELIVERY AND INSTALLATION**

- A. On notification of selection, execute purchase agreement with designated suppliers and/or subcontractors.
- B. Arrange for and process shop drawings, product data and samples, as required.
- C. Make all arrangements for delivery.
- D. Upon delivery, promptly inspect products for damage or defects.
- E. Submit claims for transportation damage.
- F. Install and finish products in compliance with requirements of referenced specification sections, including restoration.

1.05 ADJUSTMENT OF COSTS

- A. Should the net cost be more or less the contract sum will be adjusted accordingly by change order.

END OF SECTION

SECTION 01030

SWALE RESTORATION

PART 1 SCOPE OF WORK

1.01 DEFINITION

- A. Included in the contract sum is a lump sum pay item that includes the complete restoration of the swale area impacted by any construction activity adjacent to drainage work including but not limited to pipe culvert, French drain, catch basins, etc. Any swale areas impacted by the contractor outside of drainage work such as asphalt overlay, pavement markings, etc. will be restored by the contractor at no additional cost to the Town. The pay item includes but is not limited to new sod, landscaping, trees, excavation, new fill, grading, irrigation, driveway aprons, mail boxes, fences, pipes, curbs, etc. to an equal or better condition prior to construction.
- B. All equipment, accessories, materials and labor to perform this service shall be furnished by the Contractor.

PART 2 MEASURE AND PAYMENT

- 2.01** Compensation for the swale restoration as described on the plans and in this specification shall be included in the lump sum price bid for Swale Restoration.

END OF SECTION

SECTION 15200

UTILITY RELOCATIONS

PART 1 SCOPE OF WORK

1.01 DEFINITION

- A. The Contractor shall verify the location of existing utilities prior to installing proposed drainage pipe and French drain. If a conflict between the proposed drainage pipe location and the existing utility is identified, that can not be avoided by adjusting the elevations of the pipe, the Contractor shall immediately notify the Engineer. Upon direction from the Engineer, the Contractor shall coordinate with the utility provider to have the conflicting utilities relocated or deflected by provider personnel.

1.02 PROCEDURE FOR COMPLETING UTILITY RELOCATIONS

- A. Engineer's Duties:
 - 1. Consult with the Contractor in considering options related to conflicts between existing utilities and proposed drainage pipe or French drain.
 - 2. Provide written authorization to request cost estimate.
 - 3. Transmit Owner's decision to the Contractor.
 - 4. Prepare work authorization.
- B. Contractor's Duties:
 - 1. Identify potential conflicts between proposed drainage pipe or French drain and existing utilities by verifying utility locations in the field prior to installation of proposed drainage pipe and notify Engineer of conflicts immediately upon discovery. The Contractor and Engineer shall explore options to avoid the conflicts with the utilities as the first step.
 - 2. Obtain cost estimates and schedules for relocation or deflection of existing utilities from provider as directed by the Engineer and provide copies of the requested information to the Engineer upon receipt.

3. If authorized by Engineer, coordinate with provider to have utility relocations/ deflections constructed by provider personnel. This includes payment of any deposits or fees associated with the proposed deflections.
4. Notify Engineer promptly of:
 - a. Any effect on the construction schedule anticipated as a result of utility relocation/ deflection.

1.05 ADJUSTMENT OF COSTS

- A. Should the net cost be more or less than, the contract sum will be adjusted accordingly by change order.

PART 2 PRODUCTS

Not Used.

PART 3 EXECUTION

END OF SECTION