

TECHNICAL SPECIFICATIONS:

1. SUMMARY OF WORK

1.1 APALACHEE REGIONAL PARK CROSS COUNTRY FACILITY

The scope of work to be performed under this unit price bid will include the construction of a Multipurpose Building/Restroom Facility, Stage, Finish Line Structure, and all associated clearing, erosion control, earthwork, fill material, sidewalk construction, paving, grading, drainage, utilities, electrical, landscaping, signage, and installation of all miscellaneous appurtenances noted in the plans and specifications.

The project also includes construction of three (3) wildlife viewing platforms located throughout the Apalachee Regional Park.

The proposed work is located at 7550 Apalachee Pkwy, Tallahassee, FL 32311 approximately 5.0 miles east of the intersection of US 319 /Capital Circle SE and US 27 /Apalachee Parkway, located in;

County: Leon Section: 4,5,8 Township: 1S Range: 2E

2. GENERAL REQUIREMENTS

The construction sequence and design notes are shown on the construction plans, which were prepared by DRMP for Leon County. The construction procedure, materials, equipments, and the technical specifications listed herein, shall be in accordance with the following specifications and contract documents:

- 2.1 Florida Department of Transportation (FDOT) Standard Specifications for Road and Bridge Construction, 2019-20 Edition and all supplemental documents thereto.
- 2.2 Leon County Supplemental Specifications – Modification to Florida Department of Transportation Standard Specification for Road and Bridge Construction 2019.
- 2.3 Manual on Uniform Traffic Control Devices (MUTCD), U.S. Department of Transportation Federal Highway Administration, Latest Edition.
- 2.4 "Technical Specifications Water/Sewer," Talquin Electric Cooperative, Latest Edition
- 2.5 Special Technical Provisions included in this bid package.
- 2.7 Construction Specifications Institute. Latest Edition.

In the event of any conflict between the Florida Department of Transportation's standard specifications and the specifications of this contract, the specifications of this contract shall govern.

3. MANDATORY PREBID CONFERENCE

No pre-bid conference is scheduled for this project

4. SPECIAL PROVISIONS

- 4.1 An allowance of 274 calendar days has been set for the completion of this Contract, including utility coordination and relocation.

Contractor shall invite all utilities involved in this project to attend the pre-construction conference. The contractor will be responsible for coordinating the any Utility Relocation

- 4.2 Right of Way:

- a. The contractor shall notify the engineer of any encroachment of the right of way, affecting construction activities, a minimum of fourteen working days prior to construction activities. The engineer shall notify private property owners of encroachment of a minimum of seven working days prior to commencement of construction. Any encroachments not removed by the property owners shall be removed by the contractor as part of the clearing and grubbing for the project.
- b. The contractor shall verify location of all right of way and easement limits prior to construction in an area and maintain clearly marked right of way and easement limits around all construction activities. Any monument within the limits of construction is to be protected. If in danger of damage the contractor shall notify the engineer or his designee.

- 4.3 A National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges from Construction Activities may apply to this Contract. It is the Contractor's responsibility to secure the NPDES permit prior to commencement of construction. A copy of the NPDES permit application form can be obtained through the Florida Department of Environmental Protection's (FDEP) web site at

http://www.dep.state.fl.us/water/stormwater/npdes/permits_forms.htm.

If a NPDES permit is obtained, a copy of the permit shall be provided to Leon County Public Works Department.

Contractor is responsible for paying for and securing any necessary Building Permit(s) to construct improvements from the Leon County Development Support and Environmental Management. The application may be found at:

<http://cms.leoncountyfl.gov/Home/Departments/Development-Support-and-Environmental-Management/Building-Plans-Review-and-Inspection/Building-Permits>

- 4.4 The liquidated damages will be set based on the bid price and according to Section 8-10 of the FDOT's Standard Specifications for Road and Bridge Construction, 2019-20 Edition.
- 4.5 The contractor will be responsible for construction layout and surveying, including providing Record Drawings at the end of the job. The cost to prepare Record Drawings shall be incidental to the work and is not included as a separate pay item.
- 4.6 Utilities:
- a. The Contractor will be responsible for the coordination of all utility relocations within the project limits.
 - b. The exact location of all utilities in the vicinity of construction activities shall be determined by the contractor prior to construction. The contractor shall contact all utility companies prior to beginning of construction and coordinate schedules with utility owners during construction.
- 4.7 It is the Contractor's responsibility to establish a staging area with Engineer's review and approval prior to commencement of construction. If the staging area is outside County's right-of-way or properties, the Contractor is required to obtain a temporary staging area permit from Leon County Growth and Environmental Management Department.
- The contractor shall remove all equipment from the roadway and the shoulder during non-working hours to ensure the least practicable interference with traffic and pedestrians. The contractor is to provide the area for storing equipment.
- 4.8 Within 15 days after the contract has been awarded, the contractor shall submit to the engineer or his designee a working schedule for the project showing in detail the working day on which he expects to begin and complete each of the various major items of the work to be performed.
- 4.9 Leon County will provide a copy of the permits, except the NPDES Permit and Building Permit referenced as the Contractors responsibility above in Section 4.3, to Contractors as soon as they are approved. Contractor is also responsible to ensure all construction activities comply with the permit requirements.
- 4.10 Dewatering:

- a. If pumping is necessary for dewatering, the contractor shall use biodegradable fluids to prevent potential pollution.
 - b. Best management practices shall be followed, and all dewatering measures shall be approved by the County environmental inspector.
 - c. Contractor shall check with NFWMD for potential permit requirements at (850)921-2986.
 - d. Contractor shall also comply with the directions given by the County Environmental Inspectors.
- 4.11 Erosion controls shown on the plans are to be considered minimum and additional protection shall be accounted for in this project.
- 4.12 The Contractor shall visit the project site prior to submitting the bids so a complete understanding of the site conditions and construction details can be achieved.
- 4.13 The Contractor shall coordinate with the School Board before and during construction, regarding bus routes.
- 4.14 Working hours will normally be from 8:30 a.m. to 4:30 p.m., Monday through Friday, however, upon request of the contractor, the engineer or his designee, may consider an alternative to these working days and hours based on the time of the year, site, weather, and traffic conditions.
- 4.15 Obstructions and barricades shall be lighted at night and such lights shall be kept burning from sunset to sunrise. All such signing and traffic control within the limits of the project shall be done in accordance with the engineer or his designee, applicable OSHA regulations and MUTCD
- 4.16 The Contractor shall provide two weeks advanced notice to Leon County Public Works Department for any planned road closure.
- 4.17 If the construction works causes any damages to adjacent properties, Contractor will be responsible for compensation unless it is proved otherwise.
- 4.18 According to the OSHA requirements, a minimum 10-foot clearance (circumference) must be maintained from the overhead electric neutral and primary conductors for any construction work.

This Project hereby adopts the Florida Department of Transportation Standard Specifications for Road and Bridge Construction 2019 or latest edition together with all updates in its entirety as part of its guiding standards for construction except as amended by following specifications. If the Standard Specification section is not referenced in this document, it is considered unaltered and remains in force as written except for the general substitution of definitions listed below.

Division 1 General Requirements is modified as follows:

Section 1: Definition and Terms

Department – shall be revised to be Leon County throughout the entire Specifications unless specifically noted otherwise in this document.

Department’s Approved Product List (APL) – This term remains the Florida Department of Transportation Approved Products List.

Engineer – Engineer shall be revised to mean the Leon County Engineer or designee throughout the Specifications unless noted elsewhere in this document.

Secretary of Transportation – shall be revised to be Leon County throughout the entire Specifications unless specifically noted otherwise in this document.

Standard Plans – The Florida Department of Transportation’s latest Standard Design Plans Indexes.

Section 2: Proposal, Requirements and Conditions

Delete this Section in its entirety with the exception of the retention of Section 2-1 requiring bidders be prequalified with the Florida Department of Transportation and Section 2-4 requiring the contractor to review the plans, site etc. Replace all remaining sections with Leon County Standard Bid procedures included in the front end of all bid documents.

Section 3: Award and Execution of Contract

Delete in its entirety and replace with Leon County Standard award and bond requirements included with every contract.

Section 5: Control of Work

5-4: Modify to add: The County must respond in writing before the contractor proceeds with work associated with the error or omission.

5-7.1: Revise The Engineer of Record will provide centerline control points ...

5-7.3: Revise the sentence: Utilizing the control points furnished by the Engineer of Record

5-9.1: Modify to include: If the work was covered without a required inspection and the Engineer requests that it be uncovered for examination, the contractor shall do so at no expense to the County.

5-12.2.1: This section is revised to reduce the time frame for claims for extra work for projects with an original contract amount of \$1,000,000 or less from 90 to 30 calendar days after final acceptance and for projects with an original contract amount greater than \$1,000,000 from 180 to 60 calendar days. The same reduced time frames shall apply to claims pertaining to final estimate of quantities.

5-12.2.2: This section is revised to limit the time frame for projects with an original contract amount of \$1,000,000 or less from 90 to 30 calendar days after final acceptance and for projects with an original contract amount greater than \$1,000,000 from 180 to 60 calendar days.

5-12.4: This section is revised to reduce the time for County action on a claim for projects with an original contract amount of \$1,000,000 or less from 90 to 60 calendar days and for projects with an original contract amount greater than \$1,000,000 from 120 to 90 calendar days.

5-12.5: Delete this section in its entirety. The County does not pay interest on claims

Section 6-Control of Materials:

Due to the interchanging of the responsibilities of the Florida Department of Transportation (FDOT) and the County and the need for the FDOT to retain some of its requirements, this section is revised as follows: The assignments of responsibilities within this section shall be as stated

6-1.2 Sampling and Testing: Use the FDOT's current sampling identification and tracking system to provide related information and attach the information to each sample. Restore immediately any site from which material has been removed for sampling purposes to the pre-sampled condition with materials and construction methods used in the initial construction, at no additional cost to Leon County.

Ensure when a material is delivered to the location as describe in the Contract Documents, there is enough material delivered to take samples, at no expense to Leon County.

6-1.3.1 Manufacturer Material Certification: Submit material certifications for all materials to Leon County for approval when required by the Specifications. Materials will not be considered for payment when not accompanied by a material certification. Sample material certification forms are available on the FDOT's website at the following URL:

[https://www.fdot.gov/materials/administration/resources/library/publications/certifications/sample forms.shtm](https://www.fdot.gov/materials/administration/resources/library/publications/certifications/sample%20forms.shtm). Ensure that the material certification follows the format of the sample form, is submitted on the manufacturer's letterhead and is signed by a legally responsible person employed by the manufacturer.

6-1.3.1.1 Approved Products List: The Product Evaluation Section in the State Specifications and Estimates Office maintains the APL. This list provides assurances to the Contractors, consultants, designers and County personnel that specific products and materials are approved for use on County facilities. The County will limit the contractor's use of products and materials that require use of APL items listed on the APL effective at the time of placement.

7-1.9 Florida Minority Business Loan Mobilization Program: This section is deleted in its entirety.

7-2.2 Work or Structures in Navigable Waters of the U.S.: Modify the statement *will procure the necessary permits prior to advertisement for bids* to will obtain the necessary permits prior to authorization of that portion of the work. Whenever a permit has not been obtained prior to advertisement, notification shall be provided in the bid documents pertaining to the anticipated requirements of the required but pending permit.

7-19 Source of Forest Products: This section is modified to encourage, but not require the use of Florida timber, timber piling or other forest products.

7-24 Disadvantaged Business Enterprise Program: Replace in its entirety with the Leon County Disadvantaged enterprise requirements included in the front-end project specific specifications. If the front end does not address DBE requirements, none shall be required.

7-25 On the Job Training Requirements: With the exception of Federally Aid Contracts, this section shall be deleted in its entirety.

8-5 Qualifications of Contractor Personnel: This section shall be amended to require that the superintendent or other qualified personnel shall be required to read, speak and understand English in order to communicate effectively with county personnel.

9-2.1.1 Fuels: The County will not adjust or track fuel consumption. This section is deleted in its entirety.

9-2.1.2 Bituminous Material: The County will follow this asphalt adjustment procedure for projects meeting the time or volume criteria. The Department is the FDOT and the County will utilize FDOT's calculations of API posted on the Construction Office website.

9-5.1 Partial Payments General: Delete paragraph 3 regarding the retainage amounts and replace with the county shall withhold 10% of the project cost for all pay requests up to 50% completion, then it shall be reduced to 5% for the remaining balance according to the Florida Local Government Prompt Payment Act. County shall follow Section 9-5.4 for the release of retainage.

9-5.5.2 Partial Payment Amounts: Delete subsection (1). The County will make partial payments monthly without restriction to the minimum payment amount.

Division II

102-6.2 Construction: The County will not provide any equipment or personnel, the contractor shall be solely responsible for all efforts relating to this item.

102-6.6 Operation of Existing Movable Bridge: Substitute that the contractor shall maintain and operate all movable bridges. The County shall have no responsibility whatsoever for this task.

104-7 Maintenance of Erosion Control Features: Delete the reference to the State of Florida Department of Environmental Protection Generic Permit for Stormwater Discharge from Large and Small Construction Activities. The contractor shall maintain all erosion control features as shown on the construction plans or as required by permits.

104-9 and 104-10 Method of Measurement and Basis of Payment: If the contract documents are silent, this basis of measurement and payment for erosion control devices governs otherwise bid quantities for erosion control devices will be paid as a lump sum.

105-1.2.2 Quality Control (QC) Inspection: Delete this section as the County does not maintain a testing and material placement database.

105-4.2 & 105-4.4 Producer Quality Control Program Requirements & Compliance with the Materials Manual: In these sections, all references to the Departments Material manual or specifications manual shall remain the Florida Department of Transportation, not Leon County.

105-4.5 & 105-4.6 Producers Quality Control (QC) Plan Review and Acceptance & Producer's Quality Control (QC) Plan: Submittal to and approval of the Quality Control Plan shall be the Leon County Engineer.

105-7 Lab Qualification Program: Any lab meeting the Florida Department of Transportation's qualification is permitted to do testing on Leon County projects.

110-1 Clearing and Grubbing- Description: Modify this section to read: Trim trees and shrubs within the project right-of-way that are identified in the Contract documents or are needed to safely conduct the work. Trees not identified for trimming shall be brought to the attention of the County inspector for approval prior to conducting the work. In no case shall trees be trimmed on any canopy road without express designation in writing on the contract documents or by the County Engineer or his designee.

110-6.5 & 120-1.2 Asbestos Containing Materials (ACM) Not Identified Prior to Work & Unidentified Areas of Contamination: These sections are modified to delete the reference to the District Contamination Assessment Coordinator. The County Engineers shall coordinate with the appropriate party and that party shall act as the CAR Contractor outlined in this specification.

120-6.2 Furnishing of Borrow Areas: Delete this section and replace with: Use of an offsite borrow area shall meet all local, state and federal requirements for use of the site as a borrow area.

120-8.4 Reclaimed Asphalt Pavement (RAP) Method: Delete this section. Replace with Reclaimed Asphalt Pavement (RAP) shall be used only if specifically designated on the construction drawings. Requirements and limitations shall also be stated on the construction drawings as applicable.

120-10.1.1 and 120-10.1.2 Initial Equipment Comparison & Initial Production Lot: Delete these sections for initial equipment comparison and initial production lot.

120-10.1.6 Reduced Testing Frequency: delete this methodology. Independent testing is at the sole discretion of the County.

120-10.4 Verification Comparison Criteria and Resolution Procedures: The County reserves the right to follow whatever verification testing schedule the Engineer or his representative deem necessary for the project and is not bound by the frequency suggested by FDOT.

121-3 Mix Design: Modify this section to require submittal of a signed and sealed mix design for the County's files.

125-8.1.1 General Requirements for Structures and Pipe: Modify the lot definition Lot is defined as one lift of backfill material placement, not to exceed 500 feet for pipe placed *under pavement* or a single run of pipe connecting two successive structures whichever is less. *For pipe installations outside of pavement a lot is defined as one lift of backfill material placement, not to exceed 1000 feet. In both cases, backfill around structures compacted separately from pipes will be considered a separate lot*

125-8.1.6: Placement and Compaction Modify to indicate performance verification testing may be done by the county.

125-8.3.3.1 Compaction – Lowest Zone: Revise this section to read Compact soil in the lowest zone and bedding to match contiguous in situ density.

125-8.3.4 Backfill under Wet Conditions: Delete the sentence: Leon County will pay for any select material which is not available from the grading as Unforeseeable Work.

125-9.1.1 Reduced Testing Frequency: Delete this section.

125-9.3.1 Frequency: Add that Verification test is at the discretion of the County. Specify that the Quality control frequency is for under pavement. A lesser frequency for work done outside the pavement may be added onto the project specific plans. If no reduction of frequency is included in the project plans, then this testing frequency applies for all project locations.

125-10 Verification Comparison Criteria and Resolution Procedures: Delete the verification and resolution test procedures, the County's independent test lab results govern the acceptance of a work product.

145-7 Verification Comparison Criteria and Resolution Procedures: Delete the comparison and resolution procedures, the County verification tests control the acceptance criteria.

160-3.2 Application and Acceptance of Stabilizing Material: Revise the wording to make the verification tests by the County discretionary.

160-4.1.4.1 Modified Proctor Maximum Density Determination: Delete the reference to the use of Random Number Generator for determination of mixing depth and modified proctor maximum density testing locations. County inspector in most cases will determine the location of the tests.

160-4.4.1 Frequency: Modify the testing frequency for non FDOT Roadways for Stabilization provided by the Contractor. Verification tests shall be at the discretion of Leon County. These values represent in most cases a 50% reduction of contractor provided testing frequency required by FDOT

Test Name	Quality Control	Verification
Modified Proctor Maximum Density	One per four consecutive LOTs	At County discretion
Density	One per two LOTs	At County discretion
Stabilizing Mixing Depth	One per 500 feet	At County discretion
LBR	One per four consecutive LOTs	At County discretion
Gradation, LL/PI & Soil Classification	Not required	At County discretion

160-4.5.2 Modified Proctor Maximum Density Determination and 160-4.5.3 Density Testing: Verification tests are done at the discretion of the County and as is the acceptance of the test results.

160-4.5.7 Mixing Depth: Delete the reference to the use of Random Number Generator for determination of mixing depth and modified proctor maximum density testing locations. County inspector in most cases will determine the location of the tests.

200-5.2 Number of Courses: The County may elect to utilize different verification testing for the determination of the acceptability of base course installation in thicker than 6" lifts.

200-7.2.2 Frequency: Modify the testing frequency for non FDOT Roadways for Base Course installation provided by the Contractor. Verification tests shall be at the discretion of Leon County. These values represent in most cases a 50% reduction of contractor provided testing frequency required by FDOT.

Mainline Pavement Lanes, Turn Lanes, Ramps, Parking Lots, Concrete Culverts and Retaining Wall Systems

Test Name	Quality Control - Contractor	Verification - County
Modified Proctor Maximum Density	One per 16 consecutive LOTs	At County discretion
Density	One per two LOT	At County discretion
Roadway Surface	Five per LOT	At County discretion
Roadway Thickness	2 per LOT	At County discretion

Shoulder - Only, Bike/Shared Use Path and Sidewalk Construction

Test Name	Quality Control- Contractor	Verification – County
Modified Proctor Maximum Density	One per four LOTs	At County discretion
Density	One per two LOTs	At County discretion
Surface	Two per 500 feet	At County discretion
Thickness	1 per 1000 consecutive feet	At County discretion

200-7.3.1 Quality Control Testing: Modify this section to require the retention of the samples until the County accepts the test results provided by the contractor.

200-7.3.1.2 Depth and Surface Testing Requirements: Delete the reference to the use of Random Number Generator for determination of depth and surface testing locations. County inspector in most cases will determine the location of the tests. Delete the requirement for entering data into the Department's database.

200-7.3.1.3 Surface & Thickness Reduced Testing Frequency: Delete this section as the testing frequencies have already been reduced.

200-7.3.2 County Verification Tests: This section shall be modified to delete the requirements for verification testing and replace with: All verification testing shall be done at the sole discretion of the County.

234-9 Method of Measurement: Delete the certification of quantities data information that does not pertain to the County pay request format.

327-1 Milling of Existing Pavement Description: Revise to state: unless the County specifically designates the desire to take ownership of the milled material on the project plans, the contractor shall take ownership of milled material.

327-3.2 Quality Control Requirements: The County Inspector will work with the Contractor to assure compliance with milling cross slope and other construction parameters.

334-2.3.1 Reclaimed Asphalt Pavement Material (RAP) General Requirements: The generic substitution of County for Department does not apply to this section. The use of RAP from a FDOT approved stockpile or RAP that has an FDOT furnished Pavement Composition Data Sheet shall remain the Florida Department of Transportation.

334-2.3.4 Pavement Coring Report: The County does not maintain a Pavement Coring Report. This may apply for federal aid roadways.

334-3.2.1 Mix Design General: Delete section and replace with Contractor shall certify adherence to FDOT standard mix design.

334-5 Acceptance of the Mixture: Delete all references to adjustment pay factors. The pay factor shall be considered a 1.0 for acceptable work. County shall have the discretion on its independent or verification testing.

334-5.1.1 Sampling and Testing Requirements: The verification testing shall be at the discretion of the County.

334-5.1.2 Acceptance Testing Exceptions: Unless stated in the project plans, a LOT will be considered 2000 tons.

337-4 Mix Design-FC-5: Revise to require the contractor provide a signed and sealed FC-5 mix design if used.

337-12 Basis of Payment: Pay factors are 1.0

338 Value Added Asphalt Pavement: This section is deleted in its entirety. (Note if the County wants to have this as an option then a dispute resolution system and pavement evaluation criteria needs to be developed or adopted.)

346-2.4 Coarse Aggregate Gradation: Retain the requirement that the aggregate sources must be approved by the Department- meaning FDOT.

346-7.7 Sample Location: Sampling locations must receive approval from the County inspector prior to the taking of the samples. Delete the comparative sampling requirements

346-9.1 Acceptance Sampling and Testing General: Samples shall be taken as directed by the County inspector, not in accordance with a random number generator. The County will provide independent testing of the contractors test samples at its discretion. If the County does independent testing, it shall cast one additional cylinder and hold it for possible future evaluation if required.

Delete the requirement for inputting the compressive strength into the sample tracking database within 24 hours. Contractor's lab shall coordinate, if required, with the County's independent lab for results comparisons.

352-2 Equipment: Identification of equipment to be used in grinding concrete is required.

352-8 Basis of Payment: The County does not adjust the contract unit prices.

355 Value Added Portland Cement Concrete Pavement: Delete this section in its entirety.

400 Concrete Structures: precast products must be from a plant that is currently on the Department's Production Facility Listing.

410 Precast Concrete Box Culvert: Box Culverts shall be obtained from a plant that is currently on the Department's Production Facility Listing. Proof of said approval must be provided to the county with the shop drawings.

413 Sealing Cracks and Concrete Structure Surfaces: In the event that the FDOT specification and manufacturers recommendations conflict, it shall be the County's Engineer decision as to which specification governs.

430 Pipe Culverts: All pipes shall be provided from a producer on the Department's Production Facility Listing. Evidence of the suppliers meeting this standard shall be provided with the shop drawing submittal to the county.

430-3.2 Side Drains: The Department's Drainage Manual and Culvert Service Life Estimator shall remain as the Department's Drainage Manual and Culvert Service Life Estimator

430-12.9 Railroad Requirements: Add: The contractor is expected to schedule its work to minimize its time within the railroad right of way for work requiring a flagman or watchman.

431-4.8 Bursting: The County may designate pipe bursting for pipes with minimal laterals if deemed appropriate.

449 Precast Concrete Drainage Products: All precast drainage products shall be provided from a producer on the Department's Production Facility Listing. Evidence of the suppliers meeting this standard shall be provided with the shop drawing submittal to the county.

515 Metal Pedestrian/Bicycle Railings, Guiderails, and Handrails: All products shall be provided from a producer on the Department's Production Facility Listing.

530 Revetment Systems: Add the requirement that the engineer of record must verify the size of riprap needed for the particular application.

603-2.1 General: All products must be on the FDOT list and must meet the current County controller hardware and software for full compatibility and integration with the existing operations

611-2.3.1 Submittal Requirements: The as-built drawings submittal should be signed and sealed paper copies. Drawings in electronic format is also required.

649-4.3 Painting: Factory painting of mast arms and monotubes is required for all County installations. Paint shall be the County Standardized brown. Provide products from a fabricator on the Department's list of Prequalified Fabricators of Painted Galvanized Steel Strain Poles, Mast Arms and Monotube Assemblies.

670-2 Traffic Controller Assembly Materials: Modify this section to add Specific Controller assemblies must be compatible with County installations and actual controller selection is based on project specific criteria provided on the project plans.

710-8 Corrections for Deficiencies to Applied Painted Pavement Markings: Revise this section to: Reapply a .25-mile section centered around any deficiency, at no additional cost to the County.

711-2 Materials and 713-2 Materials: The County may take random samples of the material at its discretion.

924-1 Admixtures for Concrete: Add: The County Engineer or his designee must approve the use of admixtures.

949 Miscellaneous Components for Manholes, Inlets and Other Structures: Revise to restrict the use of brick for riser adjustment and repairs, not new structures.

972-1 Recycled Plastic Products: Modify to include: The usage of these products is restricted unless specifically noted on the project plans.

981-1 Turf Materials General: Add: The Contractor must reinstall sod matching the type removed. If a conflict arises between the contractor and the property owner regarding replacement sod, the property owner's claim shall prevail unless the contractor provides evidence of preconstruction sod type.