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November 16, 2011

TO ALL PROSPECTIVE BIDDERS

RE: River Park Entrance Improvements Phase II
City of Rock Hill

Bid Date and Time: November 22, 2011 at 11:00 AM

Bid Place: City of Rock Hill Operations Center
757 South Anderson Road, Room 123
Rock Hill, South Carolina 29730

ADDENDUM #1

The following clarifications, amendments, additions, deletions, revisions, and modifications are hereby made a part of the Bid Documents, and change the original documents only in the manner and to the extent stated below. Please incorporate the changes into your bid.

Project Manual:

1. Section 00650 – Insurance Requirements for Contractors

Delete the entire section provided in the Project Manual in its entirety, and substitute the enclosed Section 00650. The change to Section 00650 involves the correction of several typographical errors. Also note that Professional Liability Endorsement (E-4) has been deleted from Section 00650.

2. Section 01026 – Unit Prices

Delete the entire section provided in the Project Manual in its entirety, and substitute the enclosed Section 01026. The major change to Section 01026 consists of the clarification of Item No. 11 – Grading and Item No. 15 – Asphalt Trail.

END OF ADDENDUM

Sincerely,

William H. Armstrong, P.E., P.L.S.
President

Attachments: Section 00650 – Insurance Requirements for Contractors
Section 01026 – Unit prices

SECTION 00650

CITY OF ROCK HILL INSURANCE REQUIREMENTS FOR CONTRACTORS

I. CONTRACTOR'S LIABILITY AND WORKERS' COMPENSATION INSURANCE

Contractor shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the Contractor, his agents, representatives, employees, or subcontractors.

A. Minimum Scope of Insurance

Coverage shall be at least as broad as:

1. Insurance Services Office form number CG0001 (Ed. 11/88) covering Commercial General Liability and Insurance Service Office form number GL 0404 covering Broad Form comprehensive General Liability; or Insurance Service Office Commercial General Liability coverage ("occurrence" form CG 0001); X, C, and U exclusions must be removed if blasting, collapse, or underground exposures exist in the work to be done.
2. Insurance Services Office form number CA0001 (Ed. 6/92), Code 1 ("any auto").
3. Worker's Compensation insurance as required by the laws of the State of South Carolina and Employers' Liability insurance.
4. See Section V for requirements for Professional Liability insurance.

B. Minimum Limits of Insurance

Contractor shall maintain limits no less than the following:

1. Commercial General Liability limit for bodily injury, personal injury, and property damage \$1,000,000 per occurrence, \$1,000,000 aggregate other than products/completed operations, and \$1,000,000 aggregate for products/completed operations.
2. Automobile Liability: \$1,000,000 combined single limit per accident for bodily injury and property damage.
3. Worker's Compensation and Employers' Liability: Workers' Compensation limits as required by the laws of the State of South Carolina and Employers' Liability Limits of \$100,000 per accident.
4. See Section V for requirements for Professional Liability insurance.

C. Deductibles and Self-Insured Retentions

Any deductible or self-insured retention must be declared to and approved by the City.

D. Other Insurance Provisions

The policies are to contain, or be endorsed to contain, the following provisions:

1. General Liability and Automobile Liability Coverages

- a. The City, its officials, employees, and volunteers are to be covered as insureds as respects: liability arising out of activities performed by or on behalf of the Contractor; products and completed operations of the Contractor; premises owned, leased, or used by the Contractor; or automobiles owned, leased, hired, or borrowed by the Contractor. The coverage shall contain no special limitations on the scope of protection afforded to the City, its officials, employees, or volunteers.
- b. The Contractor's insurance coverage shall be primary insurance as respects the City, its officials, employees, and volunteers. Any insurance or self-insurance maintained by the City, its officials, employees, or volunteers shall be excess of Contractor's insurance and shall not contribute with it.
- c. Any failure to comply with reporting provisions of the policies shall not affect coverage provided to the City, its officials, employees, or volunteers.
- d. Coverage shall state that Contractor's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.

2. All Coverages

Each insurance policy required by this clause shall be endorsed to state that coverage shall not be suspended, voided, cancelled by either party, or reduced in coverage or in limits except after thirty (30) days' prior written notice by certified mail, return receipt requested, has been given to the City.

E. Verification of Coverages

1. Contractor shall furnish the City with certificates of insurance and with original endorsements affecting coverage required by this clause. The certificates and endorsements for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf. The certificates and endorsements are to be on forms provided by the City and are to be received and approved by the City before work commences. The City reserves the right to require complete, certified copies of all required insurance policies, at any time.
2. The furnishing of the City's form of certificate and endorsements E-1, E-2, and E-3 will not normally create any additional expense to the contractor. However, as an alternative to furnishing Endorsements E-1 and E-2, the

Contractor may choose to furnish the City an Owner's Protective Liability policy to be maintained and paid or by the Contractor during the term of the contract. Such policy shall name the CITY OF ROCK HILL, ITS ELECTED OR APPOINTED OFFICIALS, VOLUNTEERS, AND EMPLOYEES as the insured, shall be written for an occurrence limit not less than \$1,000,000 and an aggregate limit not less than \$1,000,000 and shall be written by an insurer meeting the minimal standards of these requirements. This amendment does not change the requirement for the City's form of insurance certificate.

F. Subcontractors

Contractor shall include all subcontractors as insureds under its policies or shall furnish separate certificates and endorsements for each subcontractor. All coverages for subcontractors shall be subject to all of the requirements stated herein.

II. PROPERTY INSURANCE

- A. The Contractor shall purchase and maintain "all risk" property insurance on the insurable portion of the project. This insurance shall include the interest of the City, the Contractor, and Subcontractors and shall be written on a 100% complete value basis, such insurance to remain in force until the project is completed and accepted by the City. If not covered under the "all risk" insurance, the Contractor shall effect and maintain similar property insurance on portions of the project stored off the site or in transit when such portions of the project are to be included in any application for payment.
- B. The Contractor shall file two certified copies of all property insurance policies with the City before exposure to loss can occur. The policies should be forwarded to the following:

CITY OF ROCK HILL
ATTN: Risk Management Division
155 Johnston Street
Post Office Box 11706
Rock Hill, South Carolina 29730

If the City is damaged by the failure of the Contractor to maintain such insurance and to so notify the City, then the Contractor shall bear all reasonable costs properly attributable thereto.

III. ACCEPTABILITY OF INSURANCE

All insurance policies shall be written by insurers licensed to do business in South Carolina. It is realized that certain business activities may not be readily insurable by admitted carriers. If insurance is written by non-admitted carriers whose names appear on the current listing of approved and non-admitted carriers prepared by the South Carolina Department of Insurance, such carriers will be favorably considered assuming they meet all other requirements. Non-admitted carriers should be so identified on the Certificate of Insurance form. The City reserves the right to reject any and all certificates of policies issued by insurers with a Best's rating less than A+.

The insurance requirements stated here are intended to be in full compliance with the laws of the State of South Carolina, any applicable regulations issued by a department or division of the State, and the Ordinances of the City of Rock Hill. Any part of these requirements not in compliance with such laws, regulations, or ordinances is amended accordingly.

IV. ADDITIONAL INSURANCE REQUIREMENTS FOR PROFESSIONAL CONTRACTS

In order to properly perform its mission, it is necessary for the City of Rock Hill to occasionally engage in services of professionals and professionals-in-fact. "While the term profession originally contemplated only theology, law, and medicine; as applications of science and learning are extended to other departments of affairs, other vocations also receive the name, which implies professed affairs, other vocations also received the name, which implies professed attainments in special knowledge as distinguished from mere skill."¹ The law has recognized that the professional calling imposes responsibility far above those of persons engaged in less skilled or less intellectual pursuits.

The City of Rock Hill while engaging the services of any professional will required the professional to comply with the standard insurance requirements for contractors and, additionally, to maintain during the life of the contract and to provided evidences of professional liability insurance, errors and omissions insurance, malpractice insurance or similar insurance by whatever title know. Such insurance must comply with Sections III and IV of the general requirements and be written in an amount not less than \$500,000 limit. Evidence of compliance shall be by the proper execution and return of Endorsement E-4.

¹ Black's Law Dictionary (West Publishing Co.) page 1375.

GENERAL LIABILITY ENDORSEMENT (E-1)

**CITY OF ROCK HILL
ATTN: Risk Management Division
Post Office Box 11706
Rock Hill, South Carolina 29731**

A. POLICY INFORMATION

1. Insurance Company _____; Policy Number _____
2. Policy Term (From) _____ (To) _____; Endorsement Effective Date _____
3. Named Insured _____
4. Address of Named Insured _____
5. Limit of Liability Any One Occurrence/Aggregate \$ _____
6. Deductible of Self-Insured Retention (Nil unless otherwise specified): \$ _____
7. Coverage is equivalent to:
Commercial General Liability "occurrence" form CG 0001 (Ed. 11/88) _____
Commercial General Liability "claims-made" form CG 0002 (Ed. 11/88) _____
8. Bodily Injury and Property Damage Coverage is:
_____ "claims made"
_____ "occurrence"
If claims-made, the retroactive date is _____

NOTE: The City's standard insurance requirements specify "occurrence" coverage. "Claims-made" coverage requires special approval.

B. POLICY AMENDMENTS

This endorsement is issued in consideration of the policy premium. Notwithstanding any inconsistent statement in the policy to which this endorsement is attached or any other endorsement attached thereto, it is agreed as follows:

1. **INSURED.** The City, its elected or appointed officials, employees, and volunteers are included as insureds with regard to damages and defense of claims arising from (a) activities performed by or on behalf of the Named Insured, (b) products and completed operations of the Named Insured, and (c) premises owned, leased, or used by the Named Insured.
2. **CONTRIBUTION NOT REQUIRED.** As respects (a) work performed by the named Insured for or on behalf of the City; or (b) products sold by the Named Insured to the City; or (c) premises leased by the Named Insured from the City, the insurance afforded by this policy shall be primary insurance as respects the City, its elected or appointed officials, employees, or volunteers; or stand in an unbroken chain or coverage excess of the Named insured's scheduled underlying primary coverage. In either event, any other insurance

maintained by the City, its elected or appointed officials, employees, or volunteers shall be in excess of this insurance and shall not contribute to it.

3. SCOPE OF COVERAGE. This policy, if primary, affords coverage at least as broad as:
 - a. Insurance Services Office form No. GL0002 (Ed. 1/73), Comprehensive General Liability Insurance and Insurance Services Office form No. GL0404 Broad Form comprehensive General Liability endorsement; or
 - b. Insurance Services Office Commercial General Liability Coverage, "occurrences" form CG0001 or "claims-made" form CG0002 (Ed. 11/88); or
 - c. If excess, affords coverage which is at least as broad as the primary insurance forms referenced in the proceeding sections (a) and (b).
4. SEVERABILITY OF INTEREST. The insurance afforded by this policy applies separately to each insured who is seeking coverage or against whom a claim is made or a suit is brought, except with respect to the Company's limit of liability.
5. PROVISIONS REGARDING THE INSURED'S DUTIES AFTER ACCIDENT OR LOSS. Any failure to comply with reporting provisions of the policy shall not affect coverage provided to the City, its elected or appointed officials, employees, or volunteers.
6. CANCELLATION NOTICE. The insurance afforded by this policy shall not be suspended, voided, cancelled, or reduced in coverage or in limits except after thirty (30) days prior written notice by certified mail return receipt request has been given to the City. Such notice shall be addressed as shown in the heading of this endorsement.

C. SIGNATURE OF INSURER OR AUTHORIZED REPRESENTATIVE OF THE INSURER

I, _____ (print/type name), warrant that I have authority to bind the above listed insurance company and by my signature hereon do so bind this company.

Signature of _____
Authorized Representative (original signature required on endorsement furnished to the City)

ORGANIZATION: _____ TITLE: _____

ADDRESS: _____ TELEPHONE: _____

AUTOMOBILIE LIABILITY ENDORSEMENT (E-2)

**CITY OF ROCK HILL
ATTN: Risk Management Division
Post Office Box 11706
Rock Hill, South Carolina 29731**

A. POLICY INFORMATION

1. Insurance Company _____ Policy Number _____
 2. Policy Term (From) _____ (To) _____; Endorsement Effective Date _____
 3. Named Insured _____
 4. Address of Named Insured _____
 5. Limit of Liability Any One Occurrence/Aggregate \$ _____
 6. Deductible of Self-Insured Retention (Nil unless otherwise specified): \$ _____
-

B. POLICY AMENDMENTS

This endorsement is issued in consideration of the policy premium. Notwithstanding any inconsistent statement in the policy to which this endorsement is attached or any other endorsement attached thereto, it is agreed as follows:

1. The City, its elected or appointed officials, employees and volunteers are included as insureds with regard to damages and defense of claims arising from: The ownership, operation, maintenance, use, loading or unloading of any auto owned, leased, hired, or borrowed by the Named Insured, regardless of whether liability is attributable to the Named Insured or a combination of the Named Insured and the City, its elected or appointed officials, employees, or volunteers.
2. CONTRIBUTION NOT REQUIRED: As respects work performed by the Named Insured for or on behalf of the City, the insurance afforded by this policy shall: (a) be primary insurance as respects the City, its elected or appointed officials, employees or volunteers; or (b) stand in an unbroken chain of coverage excess of the Named Insured's primary coverage. In either event, any other insurance maintained by the City its elected or appointed officials, employees, or volunteers shall be in excess of this insurance and shall not contribute with it.
3. SCOPE OF COVERAGE: This policy, if primary, affords coverage to the Named Insured which at least as broad as (1) Insurance Services Office form number CA0001 (Ed. 6/92), Code I ("any auto"). (2) If excess, affords coverage which is at least as broad as the primary insurance forms reference in the preceding section (1).

4. SEVERABILITY OF INTEREST: The insurance afforded by this policy applies separately to each insured who is seeking coverage or against whom a claim is made or a suit is brought, except with respect to the Company's limit of liability.
5. PROVISIONS REGARDING THE INSURED'S DUTIES AFTER ACCIDENT OR LOSS: Any failure to comply with reporting provisions of the policy shall not affect coverage provided to the City, its elected or appointed officials, employees or volunteers.
6. CANCELLATION NOTICE: The insurance afforded by this policy shall not be suspended, voided, cancelled, or reduced in coverage or in limits except after thirty (30) days prior written notice by Certified Mail Return Receipt Requested has been given to the City. Such notice shall be addressed as shown in the heading of this endorsement.

C. SIGNATURE OF INSURER OR AUTHORIZED REPRESENTATIVE OF THE INSURER

I, _____ (print/type name), warrant that I have authority to bind the above-listed insurance company and by my signature hereon do so bind this company.

Signature of _____
Authorized Representative (original signature required on endorsement furnished to the City)

ORGANIZATION: _____ TITLE: _____

ADDRESS: _____ TELEPHONE: _____

WORKER'S COMPENSATION EMPLOYER'S LIABILITY ENDORSEMENT (E-3)

**CITY OF ROCK HILL ("the City")
ATTN: Risk Management Division
Post Office Box 11706
Rock Hill, South Carolina 29731**

A. POLICY INFORMATION

1. Insurance Company _____ ("the Company");
Policy Term (From) _____ (To) _____; Policy Number _____
 2. Effective Date of this Endorsement _____
 3. Named Insured _____
 4. Employer's Liability Limit (Coverage B) _____
-

B. POLICY AMENDMENTS

In consideration of the policy premium and notwithstanding any inconsistent statement in the policy to which this endorsement is attached or any other endorsement attached thereto, it is agreed as follows:

1. **CANCELLATION NOTICE.** The insurance afforded by this policy shall not be suspended, voided, cancelled, or reduced in coverage or in limits except after thirty (30) days prior written notice by Certified Mail Return Receipt Requested has been given to the City. Such notice shall be addressed as shown in the heading of this endorsement.
-

C. SIGNATURE OF INSURER OR AUTHORIZED REPRESENTATIVE OF THE INSURER

I, _____ (print/type name), warrant that I have authority to bind the above-listed insurance company and by my signature hereon do so bind this company.

Signature of _____
Authorized Representative (original signature required on endorsement furnished to the City)

ORGANIZATION _____ TITLE: _____

ADDRESS: _____ TELEPHONE: _____

**CERTIFICATE OF INSURANCE
TO CITY OF ROCK HILL, SOUTH CAROLINA ("the City")**

RETURN COMPLETED CERTIFICATES
TO: City of Rock Hill
ATTN: Safety and Insurance Division
155 Johnston Street
Post Office Box 11706
Rock Hill, South Carolina 29731

**ONLY THIS FORM
OF INSURANCE CERTIFICATE
WILL BE ACCEPTED**

This certifies to the City that the following described policies have been issued to the insured named below and are in force at this time.
INSURED'S NAME/ADDRESS _____

DESCRIPTION OF OPERATIONS/LOCATIONS/PRODUCTS INSURED (SHOW CONTRACT NAME AND/OR NUMBER IF ANY) _____				
POLICIES AND INSURERS	LIMITS (In Thousands)		POLICY NUMBER	EXPIRATION DATE
	Bodily Injury	Property Damage		
Workers' Compensation (Name of Insurer)	Employer's Liability \$ _____			
Comprehensive/Commercial General Liability (Name of Insurer)	"CLAIMS MADE" FORM Each Occurrence \$ _____ Aggregate \$ _____	"OCCURRENCE" FORM Each Occurrence \$ _____ Aggregate \$ _____ or Combined Single Limit \$ _____ Aggregate \$ _____		
Business Auto Policy Liability Cov. Symbol _____ (Name of Insurer)	Each Person \$ _____ Each Accident \$ _____ or Combined Single Limit \$ _____	Each Accident \$ _____		
Umbrella Liability (Name of Insurer)	"CLAIMS MADE" FORM Occurrence/Aggregate \$ _____ Self-Insured Retention \$ _____	"OCCURRENCE" FORM		
The following coverages or conditions are in effect:			Yes	No
1. The City, its officials, and employees are named on all liability policies described above as insureds as respects: (a) activities performed for the City by or on behalf of the named insured, (b) products and completed operations of the Named Insured, and (c) premises owned, leased, or used by the Named Insured.				
2. Products and Completed Operations				
3. The undersigned will mail to the City 30 days written notice of cancellation or reduction of coverage or limits.				
4. Liability insurance written on an occurrence basis				
5. Personal Injury, perils A, B, and C				
6. Broad Form Property Damage				
7. X, C, U Hazards Included				
8. Contractual Liability Coverage applying to this Contract				
9. Liquor Liability				
10. Coverage afforded the City, its officials, employees, and volunteers as an Insured applies as primary and not excess or contributing to any insurance issued in the name of the City				

This certificate is issued as a matter of information. This certificate is not an insurance policy and does not amend, extend, or alter the coverage afforded by the policies listed herein. Notwithstanding any requirement, term, or condition of any contract or other document with respect to which this certificate of insurance may be issued or may pertain, the insurance afforded by the policies described herein is subject to all the terms, exclusions, and conditions of such policies.

Agency or Brokerage _____	Insurance Company _____	BEST RATING: _____
Address _____	Home Office _____	
Name of Person to be Contacted _____	Authorized Signature _____	Date _____
Telephone Number _____	NOTE: Authorized signature may be the agent's if the agent has placed insurance through an agency agreement with the insurer. If insurance is brokered, authorized signature must be of official insurer.	

SECTION 01026 UNIT PRICES

PART 1 - GENERAL

RELATED DOCUMENTS

Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

SUMMARY

This Section includes administrative and procedural requirements for unit prices.

DEFINITIONS

Unit price is an amount proposed by bidders, stated on the Bid Form, as a price per unit of measurement for materials or services added to or deducted from the Contract Sum by appropriate modification, if the estimated quantities of Work required by the Contract Documents are increased or decreased.

PROCEDURES

Unit prices include all necessary material, plus cost for delivery, installation, insurance, overhead, profit, and applicable taxes.

Measurement and Payment: Refer to individual Specification Sections for work that requires establishment of unit prices. Methods of measurement and payment for unit prices are specified in those Sections.

The Owner reserves the right to reject the Contractor's measurement of work-in-place that involves use of established unit prices, and to have this work measured, at the Owner's expense, by an independent surveyor acceptable to the Contractor.

Schedule: A "Unit Price Schedule" is included at the end of this Section. Specification Sections referenced in the Schedule contain requirements for materials described under each unit price.

PART 2 - PRODUCTS (Not Applicable)

PART 3 - EXECUTION

UNIT PRICE SCHEDULE

Item No. 1 - Mobilization

This item will be measured for payment on a lump sum (LS) basis.

Payment for mobilization shall be full compensation for all costs associated with project start-up, setting up temporary office and storage space, moving men and equipment to and from the project site and for any other start-up related overhead costs.

Item No. 2 – Construction Staking

This item will be measured for payment on a lump sum (LS) basis.

Payment for construction staking shall be full compensation for providing all labor, equipment, materials, and any other cost associated with the surveying required to properly construct the project. Payment for construction staking includes setting up baseline control; marking demolition and construction limits; staking the alignment/location and setting grades for the new roadway, asphalt trail, and site work, including but not limited to new concrete curb and gutter; paving; pavement striping; traffic signs; light pole foundations and asphalt trail.

Payment for construction staking shall also include full compensation for providing record drawing information showing the location of all new construction items.

Item No. 3 – Traffic Control

Traffic Control will be measured for payment on a lump sum (LS) basis.

Payment is to be full compensation for providing all materials, equipment, and labor necessary to place and maintain traffic control measures in accordance with the Highway Encroachment Permit and Part V of the SCDOT MUTCD manual. The work includes furnishing and installing warning signs, traffic safety barrels, traffic safety barricades, and safety cones; providing flagman as necessary; maintaining safe travel ways throughout the construction site and related work. The work includes coordinating all traffic control measures with the SCDOT.

Item No. 4 – Erosion Control

Erosion Control will be measured for payment on a lump sum (LS) basis.

Payment shall be full compensation for providing all labor, equipment, and material necessary to install temporary sediment fence complete, in place, including excavation for sediment fence, providing and properly installing fence posts, and sediment fence fabric, assuring the fabric is securely anchored as shown on the Drawings, inspecting and maintaining silt fence until stabilization has been achieved, and removing and disposing of fence materials after approval by Owner and Engineer.

Payment shall be full compensation for providing all labor, equipment, and material necessary to install inlet protection at existing and new catch basins and rock check dams in the construction zone.

Payment shall be full compensation for furnishing crushed stone and constructing a temporary stabilized construction entrance.

Item No. 5 – Clearing and Grubbing

Payment for Clearing and Grubbing will be measured for payment on a lump sum (LS) basis.

Payment for Clearing and Grubbing shall be full compensation for providing all equipment, labor, and materials necessary to remove all trees and stumps, brush, and trash from the project site and legally disposing of the materials off-site. This item shall meet the requirements of SCDOT Standard Specification Section 201.

Item No. 6 – Demolition

Demolition will be measured for payment on a lump sum (LS) basis.

Payment for Demolition shall be full compensation for providing all equipment, labor, and materials necessary for the removal of gravel base, asphalt pavement, and any other objects causing conflict with the proposed work as indicated on the Drawings. The work includes off-site disposal of demolition debris in a legal manner.

Item No. 7 – Curb and Gutter Removal

Curb and Gutter Removal will be measured for payment on a horizontal linear foot (LF) basis.

Payment for this item shall be full compensation for providing all labor, equipment, and materials necessary to properly remove curb and gutter as

indicated on the Drawings. The work includes cleaning up the construction area, restoring and stabilizing surfaces and related work. The work includes off-site disposal of concrete and other debris in a legal manner.

Item No. 8 – Remove Existing Guardrail

Remove Existing Guardrail will be measured for payment on a horizontal linear foot (LF) basis.

Payment for this item shall be full compensation for providing all labor, equipment, and materials necessary to properly remove guardrail as indicated on the Drawings. The work includes cleaning up the construction area, restoring and stabilizing surfaces and related work. The work includes off-site disposal of rails, posts, anchors, and other debris in a legal manner.

Item No. 9 – Relocate Light Pole

Remove and Reset Light Pole will be measured for payment on the basis of each (EA) light pole removed and reset.

Payment for this item shall be full compensation for providing all labor, equipment, and materials necessary to properly disconnect, remove, reset, and reconnect existing light poles as indicated on the Drawings. The contractor is to remove and reset to original condition the light poles indicated on the Drawings. The work includes constructing new light pole foundations, and removing and disposing of existing pole foundations in a legal manner.

Item No. 10 – Remove and Reset Sign

Remove and Reset Sign will be measured for payment on the basis of each (EA) sign removed and reset.

Payment for this item shall be full compensation for providing all labor, equipment, and materials necessary to properly remove and reset existing DOT road signs as indicated on the Drawings. The contractor is to remove and reset to original condition any signs that interfere with the proposed work.

Item No. 11 – Grading

Grading will be measured for payment on a lump sum (LS) basis.

Payment is to be full compensation for providing all labor, equipment, and materials necessary to perform all earth moving activities not associated with the construction of erosion control measures. Grading activities include stripping top soil from the construction area, stockpiling top soil on-site at a location designated by the Owner, removing unsuitable soil material and disposing of it

off-site, cutting and filling to rough grade, furnishing suitable borrow material, placing and compacting borrow material, and fine grading to the lines and grades indicated on the Drawings. The Grading pay item is limited to earthwork for the SC 161 turn lanes, median cut and tie-in to River Park Drive. Fine grading along the asphalt trail route is included under Item No. 15.

Payment shall also be full compensation for providing proof roll testing and making repairs at areas that fail, and re-proof roll testing repaired areas.

Item No. 12 – Adjust Water Valve Box

Adjust Water Valve Box will be measured for payment on the basis of each (EA) box adjusted.

Payment for this item shall be full compensation for providing all materials equipment and labor necessary to remove the soil and around the existing box, required excavation, and to adjust the box to match proposed finished grades.

Payment shall include providing all materials as needed.

Item No. 13 – Concrete Curb (9" x 15")

Concrete Curb (9" x 15") will be measured for payment on a horizontal linear foot (LF) basis.

Payment for this item shall be full compensation for providing all labor, equipment, and materials necessary to properly construct the curbing as indicated on the Drawings, including grading, proof-rolling at all curb locations, correcting areas which fail proof-roll, setting forms to the correct line and grade, placing and finishing concrete, constructing joints, curing the concrete, removing forms, removing and repairing all damaged curbing, cleaning up the construction area, restoring and stabilizing surfaces and related work.

Item No. 14 – Full Depth Asphalt Paving

Full Depth Asphalt Paving will be measured for payment on the basis of square yards (SY) of Full Depth Asphalt Pavement placed.

Payment for Full Depth Asphalt Pavement shall be full compensation for providing all materials, labor and equipment necessary to place asphalt binder course, asphalt intermediate course, tack coat, and asphalt surface course in accordance with the thickness shown in the Drawings, and in accordance with the grades provided in the cross sections. Payment is to included furnishing, placing, and compacting asphalt binder course, asphalt intermediate course, and

asphalt surface course in accordance with the requirements of SCDOT Standard Specifications.

Payment is to include furnishing and applying tack coat as required by SCDOT Standard Specifications. Payment also includes cleaning the construction site and related work.

Item No. 15 – Asphalt Trail

The Asphalt Trail will be measured for payment on a horizontal linear foot (LF) basis.

Rough grading for asphalt trail is to be provided by the Owner and is not paid for under this Item.

Payment for asphalt trail shall be full compensation for providing all labor, materials and equipment necessary to fine grade, excavate to depth and width as shown on asphalt trail pavement section, dispose of excavated material on-site as directed by Owner, proof roll asphalt trail subgrade, repair subgrade areas that fail, re-proof roll repaired areas, place aggregate base course, prime, and place asphalt surface course in accordance with the compacted thicknesses shown in the Drawings and generally in accordance with the grades provided in the Drawings. Payment is to include furnishing, placing and compacting aggregate base course and asphalt surface course in accordance with the requirements of SCDOT Standard Specifications. Payment is to include furnishing and applying prime coat as required by SCDOT Standard Specifications. Payment also includes cleaning the construction site and related work.

Item No. 16 – Guardrail

Guardrail will be measured for payment on a linear foot (LF) basis.

Payment for this item shall be full compensation for providing all labor, equipment, and materials necessary to properly construct the guardrail as indicated on the Drawings.

Item No. 17 – Pavement Striping

Pavement Striping will be measured for payment on a lump sum (LS) basis.

Payment for Pavement Striping shall be full compensation for providing all labor, equipment, and materials necessary to place the striping in accordance with the Drawings and SCDOT Requirements. The work includes preparing the pavement

surface in the area where striping is to be applied, applying the primer-sealer, applying the pavement marking material, protecting the new striping material until cured, and related work.

Item No. 18 – Grassing

Grassing will be measured for payment on a lump sum (LS) basis.

Payment shall be full compensation for providing all materials, equipment, and labor necessary for grassing as indicated on the plans. Payment includes restoring and stabilizing all disturbed surfaces within the project area which are not to be restored with "hard" surfaces, including preparing soil for seeding; providing and applying lime, superphosphate, fertilizer and grass seed to prepared soil; providing and applying mulch; providing and applying liquid asphalt to bond and anchor mulch; and maintaining seeded areas as required by the specifications. Payment includes cleaning the construction site and related work. This item is limited to grassing associated with construction within the 161 right of way, and construction of the Asphalt Trail.