



URS

101 Research Drive
Columbia, SC 29203
Phone: (803) 254-4400
Fax: (803) 771-6676

Posted to USC Website

**RE: USC Upstate Street and Parking Lot Maintenance and Repairs RE-BID
For the University of South Carolina
State Project No. H34-9544-JM-F
URS Project No. 46423272 - Paving**

ADDENDUM NO. 1 – July 2, 2014

TO: ALL HOLDERS OF RECORD OF CONTRACT DOCUMENTS

Acknowledge receipt of this addendum by inserting its number and date in the Bid Form. Failure to do so may subject bidder to disqualification. This addendum forms a part of the Contract Documents. It modifies them as follows:

GENERAL / CLARIFICATIONS

1. **Bid Location/Hand Delivery/Mail Address:** Bids are due to USC (Columbia) Campus Planning and Construction, 743 Greene Street, Columbia, SC 29208, Attn: Juaquana Brookins.
2. **Bid Closing Date/Time:** Bids are due on 7/8/14 at 3:00 PM at the above location and will be publicly opened in Conference Room 53.
3. A non-mandatory pre-bid meeting was held on June 24, 2014. A list of attendees is attached.
4. Please ensure the following information is placed on the exterior of the bid envelope: Bid for USC Upstate Street and Parking Lot Maintenance and Repairs RE-BID, Project No. H34-9544-JM-F.
5. All empty conduit installed shall have pull wires.
6. Base Bid work includes Site F and Site G. Site E is not included in this contract.
7. All pavement markings shall be non-thermoplastic, single coat application.
8. Coordination of work will be required at Site G (Campus Life Service Road) for deliveries and Site F (American Way) for Facilities and National Guard staff access.
9. An SCDOT Encroachment Permit is in effect for the work at the intersection of Valley Falls Road and Site F (American Way). A copy of this permit is attached.
10. Excess top soil and any asphalt millings shall remain the property of USC Upstate and shall be placed on-site as directed by the owner.
11. USC Upstate will handle all permanent signage including providing and placement of new signs and removal and/or relocation of existing signs.
12. Asphalt pricing shall be fixed and will not be indexed.
13. USC Upstate will require the use of Grassing Schedule Rate B.

GENERAL QUESTIONS

1. **Question:** In Site G it calls out for us to install a new concrete loading dock. Does this concrete need to be high early strength or is the owner going to be able to stay off of the new concrete for at least 7 days?

Answer: *The concrete in this area will not be required to be high early strength.*

2. **Question:** Clarification: All excess dirt can stay and be stockpiled on-site in an approved area? Then unsuitables will have to be hauled off site?

Answer: *Any encountered unsuitable material must be removed from the site.*

3. **Question:** Are any asbuilts required?

Answer: *To clarify Note 12 of the Construction Sequence on sheet 7, as-builts will be required for newly installed and modified storm drainage only.*

4. **Question:** The specs mention construction schedules. Is a schedule going to be a requirement for this project?

Answer: *At the pre-construction conference the owner would like a project schedule indicating major work components with milestones and durations and it shall be updated periodically throughout the project as conditions dictate.*

5. **Question:** Is the owner or contractor responsible for testing?

Answer: *Please reference Specification 01410 – Testing Lab Services.*

6. **Question:** Is prime (base course) going to be required for this project?

Answer: *No, prime coat for the stone base will not be required.*

7. **Question:** Please clarify the type of turf reinforcement mat / erosion control blanket to be used.

Answer: *For all noted areas of turf reinforcement mat and/or erosion control blanket, the product shall be North American Green BioNET C125BN Double Net Coconut Blanket, installed with North American Green Bio-STAKES biodegradable blanket pins.*

ATTACHMENTS

1. Pre-bid sign-in attendance sheet.
2. SCDOT Encroachment Permit.

END OF ADDENDUM NO. 1

ADDENDUM NO. 1

Spartanburg, South Carolina

Project Name:

H34-9544-JM-F

June 24, 2014 @ 11am

Name	Company Name	Address	Phone #	Email
Bryan Thomas	UKS		803-254-4400	Bryan.Thomas@uks.com
Rick Pucke	USC UPSTATE		864-503-5500	rpucke@uscupstate.edu
Devo White	Capital Const.		811 949-1437	Devo@CapitalConstruct
Reed Rogers	PANAGAKOS		277-7860	reed@panagakospring.com

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
Encroachment Permit

Permit No : 167525

Permit Decision Date : 4/8/2014

Expiration Date : 4/8/2015
8:18:37 AM

Type

Permit : RESURFACING

Location:

<u>District</u>	<u>Work County</u>	<u>Type</u>	<u>Route</u>	<u>Aux</u>	<u>Begin MP</u>	<u>End MP</u>
3	Spartanburg	US	176	None	21.086	21.086

Contact Information

Applicant: USCUpstate
(coURSCorporation) Phone: 8645035500

Contact: Bryan Thomas, URS 803-254-
4400

Address: 800 University Way,
City: Spartanburg State: SC Zip: 29303

Comments

American Way intersection is located on the USC Upstate campus
approximately 470 LF south of Fine Road and approximately 1,470 LF north
of North Campus Blvd.

Special Provisions:

9999 - See Attached for Additional Special Provisions

0001 - THE ENTIRE WIDTH OF ROAD SHALL BE RESURFACED AS SHOWN ON
ATTACHED DOCUMENTATION.

0002 - ALL REPAVING IS TO CONFORM TO STANDARD DEPARTMENT
SPECIFICATIONS. THE ROAD, AT DROP INLETS, SHALL BE MILLED TO MAKE A
SMOOTH TRANSITION WHEN PAVED. PAVEMENT WITH CURB AND/OR SIDEWALK
WILL BE PAVED FULL DEPTH FROM OUTER EDGE TO GUTTER EDGE.

0003 - WHEN ROADS ARE RESURFACED, SHOULDERS SHALL BE REGRADED TO
THE EDGE OF PAVEMENT TO CONFORM TO THE DEPARTMENT SPECIFICATIONS.

0004 - SCDOT SHALL BE NOTIFIED WHEN WORK DEFINED IN THE PERMIT STARTS
AS WELL AS WHEN THE WORK IS COMPLETED. REFERENCE SHALL BE MADE BY
PERMIT NUMBER.

0120 - RESTORATION OF PAVEMENT, SHOULDERS, DITCHES, ETC., TO BE
PERFORMED AS SOON AS POSSIBLE AFTER CONSTRUCTION, OR SCHEDULED SO
THAT THE CONSTRUCTION IS NO FURTHER THAN 2,000 L.F. AHEAD OF COMPLETE
RESTORATION.

0117 - OPEN TRENCHES SHALL BE COVERED WITH METAL PLATES WHEN THE

PAVEMENT CANNOT BE RESTORED THE SAME DAY. PLATES SHALL BE MONITORED PERIODICALLY TO ENSURE THAT THE TRENCH IS PROPERLY COVERED.

0119 - INSTALLATION TO BE MADE BY THE WET OR DRY BORE METHOD IN SUCH A MANNER AS NOT TO DISTURB EXISTING PAVEMENT.

0125 - ALL CROSSLINE PIPES ARE TO BE LOCATED AND FLAGGED PRIOR TO BEGINNING OPERATION.

0202 - PAVEMENT DESIGN SHALL BE AS SHOWN ON ATTACHED DOCUMENTATION

0304 - PAVEMENT MARKINGS ALTERED DURING THIS INSTALLATION SHALL BE RESTORED BY THE APPLICANT.

0306 - TRAFFIC CONTROL, LIGHTS, SIGNS AND FLAG-MEN WILL BE FURNISHED BY APPLICANT AND WILL CONFORM TO PART VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

0311 - SEDIMENT AND EROSION CONTROL DEVICES SHALL BE USED TO MINIMIZE THE MOVEMENT OF SEDIMENT.

Application for Encroachment Permit

S.C. Department of Transportation
Form 637 (Rev 05/2013)

App # 8500

Form Use Instructions

Contact Information

Applicant:

USC Upstate (c/o URS Corporation)

Street:

800 University Way

City:

Spartanburg

State:

SC



Zip Code:

29303

Phone:

(864) 503-5500

Fax:

(864) 503-5542

Email:

bryan.thomas@urs.com

Contact:

Bryan Thomas, URS 803-254-4400

Project Location

Primary County:

Spartanburg



Street Finder

County	Road Name/Route	
Spartanburg ▼	VALLEY FALLS ROAD ▼	Delete
Add Road		

1. Type of Encroachment: RESURFACING ▼

Pavement rehabilitation and resurfacing of American Way.

2. Description of Location:

American Way intersection is located on the USC Upstate campus approximately 470 LF south of Fine Road and approximately 1,470 LF north of North Campus Blvd.

(Attach sketch indicating roadway features such as: pavement width, shoulder width, sidewalk and curb and gutter location, significant drainage structure, north arrow, right of way width, and location of the proposed encroachment with respect to the roadway centerline and the nearest intersecting road on the State system.)

3. The undersigned applicant hereby requests the SCDOT to permit encroachment on the SCDOT right of way as described herein. It is expressly understood that the encroachment, if and when constructed, shall be installed in accordance

the encroachment, if and when constructed, shall be installed in accordance with the sketch attached hereto and made a part hereof.

The applicant agrees to comply with and be bound by the SCDOT's "A Policy for Accommodating Utilities on Highways Rights of way", "Standard Specifications for Highway Construction", the "General Provisions" and "Special Provisions", attached hereto or made a part hereof by reference, during the installation, operation and maintenance of said encroachment within the SCDOT's Right of Way.

DISCHARGES OF STORM WATER AND NON-STORM WATER: Work within State Highway right-of-way shall be conducted in compliance with all applicable requirements of the National Pollutant Discharge Elimination System (NPDES) permit(s) issued to the Department of Transportation (Department), to govern the discharge of storm water and non-storm water from its properties. Work shall also be in compliance with all other applicable Federal, State and Local laws and regulations, and with the Department's Encroachment Permits Manual and encroachment permit. The encroachment permit will not be issued until the applicant has received an NPDES construction permit from SC Department of Health and Environmental Control.

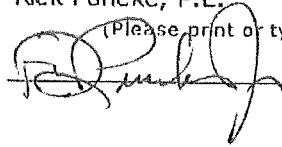
The applicant agrees to comply with all current SCDOT Standards Specifications for Highway Construction including all Supplemental Technical Specifications. The applicant hereby further agrees, and binds his/her/its heirs, personal representatives, successors, assigns, to assume any and all liability for accidents or injuries to persons, or damage to property, including the highway, that may be caused by the construction, maintenance, use, moving or removing of the physical appurtenances contemplated herein, and the applicant agrees to indemnify and hold SCDOT harmless from and against any and all claims for personal injury and/or property damage which may be sustained by person by reason of the construction, maintenance or existence of said encroachment on the SCDOT's right of way.

Applicant's Name: Rick Puncke, P.E.

Date: 3/31/2014

(Please print or type)

Applicant's Sig:



Title: Dir. of Facilities Management

For Office Use Only

In accordance with your request and subject to all the provisions, terms, conditions, and restrictions stated in the application and the general and special provisions attached hereto, the SCDOT hereby approves your application for an encroachment permit. This permit shall become null and void unless the work contemplated herein shall have been completed prior to:

☐ See Attached Special Provision and/or Permit Requirements

NPDES Permit

Nbr:

(Date received by Res. Maint. Engr.)

(SCDOT Approval)

(Date)

4-7-14

☐ Resident Maintenance Engineer

☐ Deputy Secretary for Engineering

☐ District Engineering Administrator

☐ District Maint./Constr. Engineer

Submit

Save and Close

Application for Encroachment Permit

General Provisions

1. **DEFINITIONS:** The word "Permittee" used herein shall mean the name of the person, firm, or corporation to whom this permit is addressed, his, her, its, heirs, personal representatives, successors and assigns. The word "DEPARTMENT" shall mean the South Carolina Department of Transportation.
2. **NOTICE PRIOR TO STARTING WORK:** Before starting the work contemplated herein within the limits of the highway right of way, the Department's Resident Maintenance Engineer in the county in which the proposed work is located shall be notified 24 hours in advance so that he may be present while the work is under way.
3. **PERMIT SUBJECT TO INSPECTION:** This permit shall be kept at the site of the work at all times while said work is under way and must be shown to any representative of the Department or law enforcement officer on demand.
4. **PROTECTION OF HIGHWAY TRAFFIC:** The applicant shall be responsible for the protection of the highway traffic at all times during the construction, maintenance, removing or moving of the encroachment permitted herein. Detours, barricades, warning signs and flagmen, as necessary, shall be provided by and at the expense of the Permittee and shall be in accordance with the "Manual on Uniform Traffic Control Devices" (MUTCD). The work shall be planned and carried out so that there will be the least possible inconvenience to the motoring public. The Permittee agrees to observe all rules and regulations of the Department while carrying on the work contemplated herein and take all other precautions that circumstances warrant.
5. **STANDARDS OF CONSTRUCTION:** All work shall conform to the Department's standards of construction and shall be performed in a workman-like manner. The applicant shall make adequate provisions for maintaining the proper drainage of the highway as it may be affected by the encroachment permitted herein. All work shall be subject to the supervision and satisfaction of the Department.
6. **FUTURE MOVING OF PHYSICAL APPURTENANCES:** If, in the opinion of the State Highway Engineer, it should ever become necessary to move or remove the physical appurtenances, or any part thereof contemplated herein, on account of change in location of the highway, widening of the highway, or for any other sufficient reason, such moving shall be done on demand of the Department at the expense of the Permittee.
7. **RESTORATION OF HIGHWAY FACILITIES UPON MOVING OR REMOVING OF PHYSICAL APPURTENANCES:** If, and when, the physical appurtenances contemplated herein shall be moved or removed, either on the demand of the Department or at the option of the Permittee, the highway and facilities shall immediately be restored to their original condition at the expense of the Permittee.
8. **COSTS:** All work in connection with the construction, maintenance, moving or removing of the physical appurtenances contemplated herein shall be done by and at the expense of the Permittee.
9. **ADDITIONAL PERMISSIONS:**
 - (a) It is distinctly understood that this permit does not in any way grant or release any rights lawfully possessed by the abutting property owners. The

release any rights lawfully possessed by the abutting property owner. The Permittee shall secure any such rights, as necessary, from said abutting property owners.

- (b) The Permittee shall be responsible for obtaining all other approvals or permits necessary for installation of the encroachment from other government entities.
- (c) There shall be no excavation of soil nearer than two feet to any public utility line or appurtenant facility except with the consent of the owner thereof, or except upon special permission of this Department after an opportunity to be heard is given the owner of such line or appurtenant facility.

10. ADDITIONAL WORK PERFORMANCE:

- (a) All crossings over the highway shall be constructed in accordance with "Specifications for Overhead Crossings of Light and Power Transmission Lines and Telegraph Lines over each other and over Highway Rights of Way in South Carolina," as approved by the Public Service Commission of South Carolina and effective as of date of this permit.
- (b) All tunneling, boring, or jacking shall be done in such a way as not to disturb the highway surfacing.
- (c) No pavement shall be cut unless specifically authorized herein.
- (d) No excavation shall be nearer than three feet to the edge of pavement unless specifically authorized herein.
- (e) Underground facilities will be located at minimum depths as defined in the "Utility Accommodations Manual" for the transmittant, generally as follows: 4 feet minimum for hazardous or dangerous transmittant, 3 feet minimum for other lines. The Department may approve shallower depths if adequate protection is provided. Such approval must be obtained in writing.
- (f) Service and other small diameter pipes shall be jacked, driven, or otherwise forced underneath the pavements on any surfaced road without disturbing the pavement. The section under the highway pavement and within a distance of three (3) feet on either side shall be continuous without joints.

11. ACCESS:

- (a) Permittee is responsible for maintaining reasonable access to private driveways during construction.
- (b) It is expressly provided that, with respect to any limited access highway, the Permittee shall not have or gain access from the main traveled way of the highway, or the on or off ramps to such facility, except upon approval by the Department.

12. DRIVEWAYS:

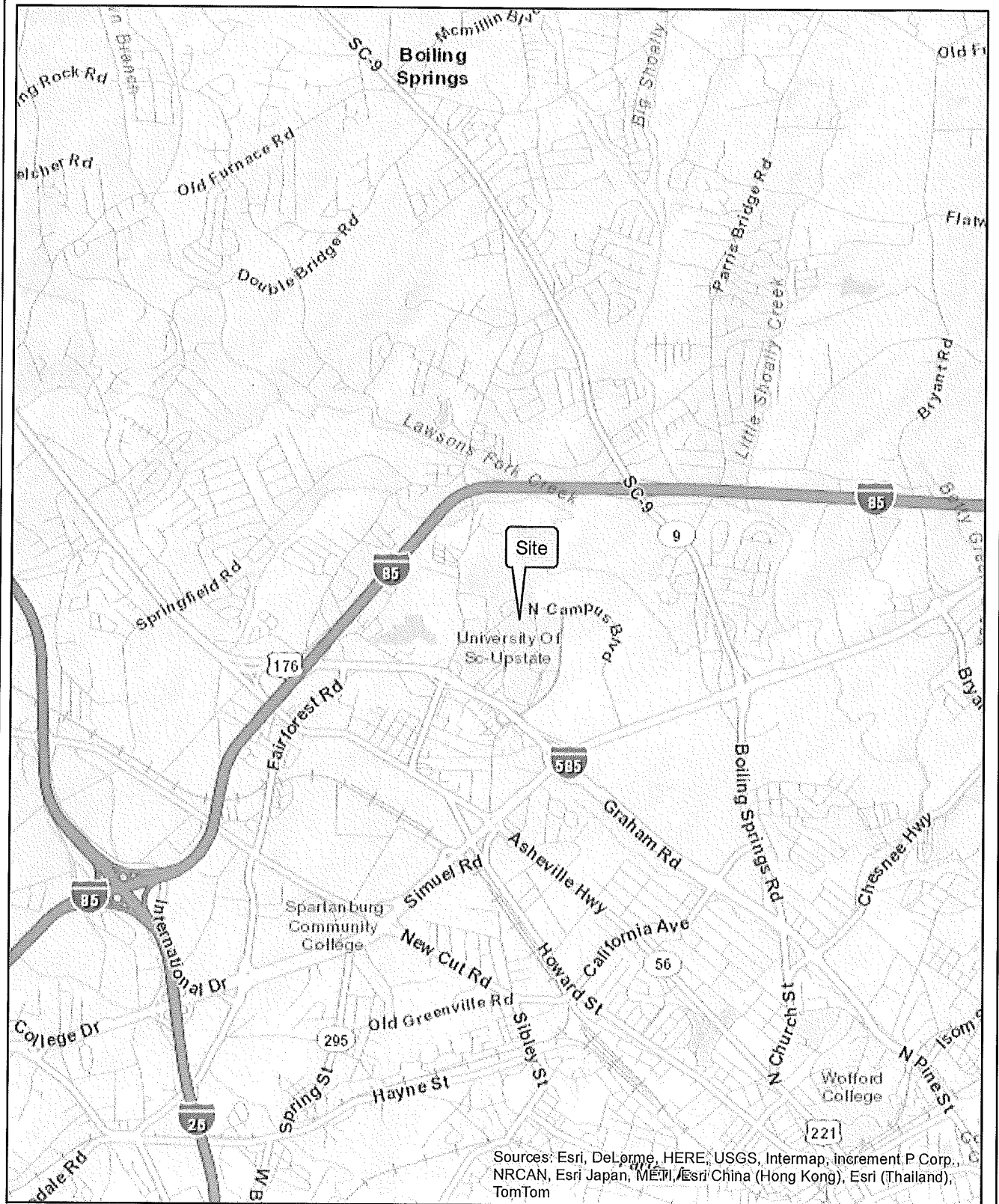
- (a) The existing crown of the highway shall be continued to the outside shoulder line of the highway.
- (b) If the driveway or approach is concrete pavement, the pavement shall be constructed at least 6 inches thick and with a minimum of class 2500 concrete. There shall be a bituminous expansion joint, not less than 3/4 inches in thickness, placed between the highway paving and the paving of the approach for the full width of the approach.

13. BEAUTIFICATION:

- (a) All trees, plants, flowers, etc. shall be placed in accordance with the provisions specifically stipulated herein.
- (b) All trees, plants, flowers, etc. shall be maintained by, and at the expense of, the Permittee and the provisions of this permit shall become null and void, if and when said Permittee ceases to maintain aid trees, plants, flowers, etc.

14. AS-BUILT PLANS:

- (a) The applicant shall provide the Department with survey-quality as-built plans in accordance with the requirements set forth in the Department's "A Policy for Accommodating Utilities on Highway Rights of Way".



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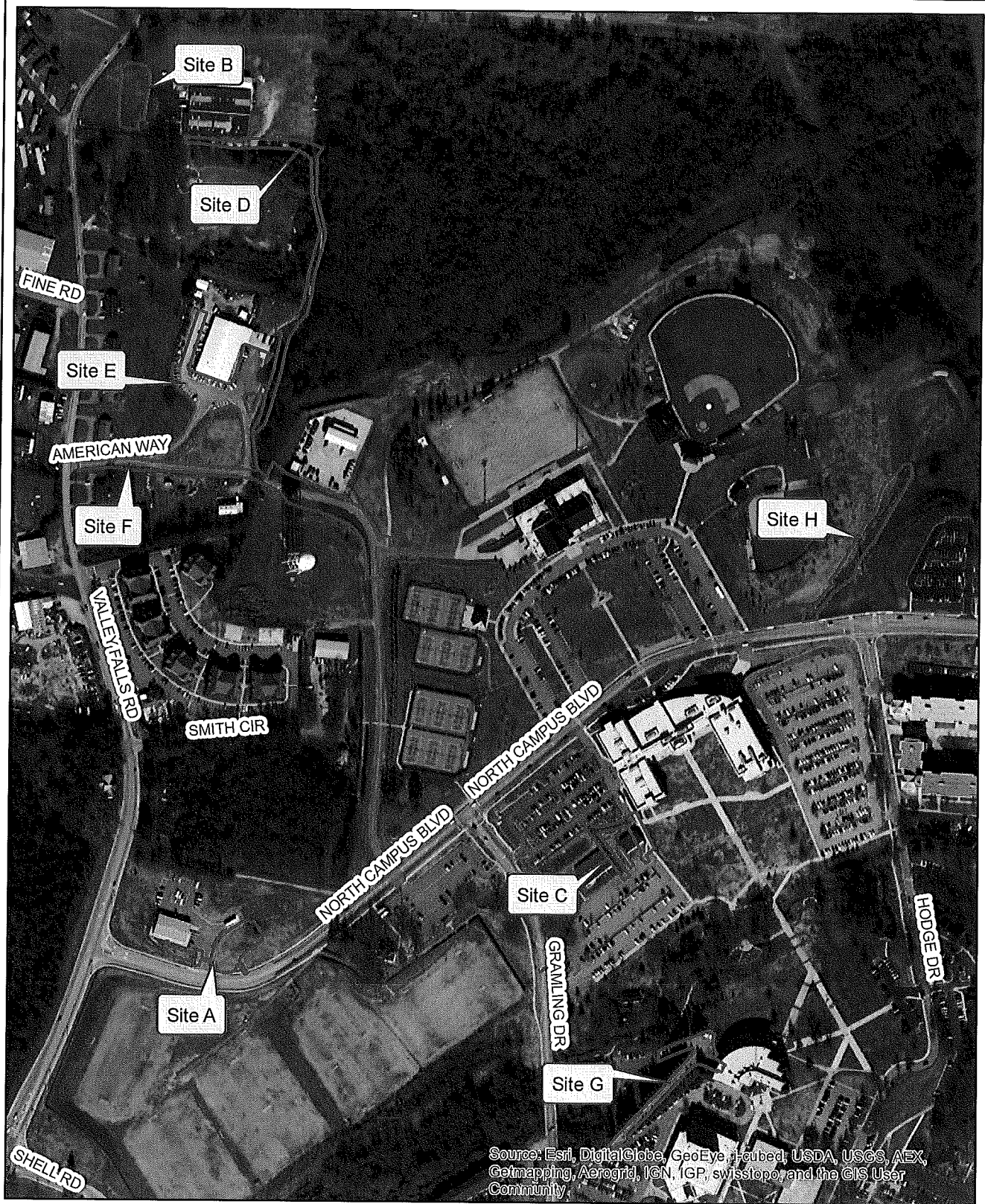


South Carolina State Plane, NAD 83
Zone 3900, International Feet

1 inch = 1 miles
0 0.5 1 2 Miles

Site Location Map

**USC Upstate
Parking Improvements & Repairs
Spartanburg County
South Carolina**



URS



South Carolina State Plane, NAD 83
Zone 3900, International Feet

1 inch = 500 feet

0 250 500 1,000
Feet

Aerial Map

**USC Upstate
Parking Improvements & Repairs
Spartanburg County
South Carolina**

1	SAWCUT AND REGRAVE EXISTING PAVEMENT FULL DEPTH WITH CEMENT, SEE NOTE 12
2	SAWCUT AND DEMOLISH ASPHALT PAVEMENT FULL DEPTH
3	REMOVE GATE
4	REMOVE AND RELOCATE SIGN, SEE SHEET 5 (BY OWNER)
5	COORDINATE RELOCATION OF PEDESTAL WITH UTILITY PROVIDER
6	SAWCUT AND DEMOLISH CONCRETE SIDEWALK/PAVEMENT



BASE BID: SITES F, G AND H
BID ALTERNATE 1: SITE E
BID ALTERNATE 2: SITE D

CONTROL POINTS:

C241	MAGNAIL
ELEVATION	= 827.905'
NORTHING	= 1155132.008
EASTING	= 1708023.740'

C242	HUBNAIL
ELEVATION	= 827.869'
NORTHING	= 1155355.945'
EASTING	= 1708065.267'

3 DAYS BEFORE DIGGING AT USC UPSTATE CALL:

South Carolina 811
TOLL FREE 1-800-4-A-ROOTS

1. PALMETTO UTILITY PROTECTION SERVICE, INC. (PUPS)
2. METRO WATER: 1-604-233-0622

ALL UTILITIES MAY NOT BE A MEMBER OF PUPS.
COORDINATE WITH LOCAL UTILITY COMPANIES FOR
MARKING OF THEIR UTILITIES. ALSO SEE



April 2, 2014

SCDOT
Spartanburg County
Resident Maintenance Engineer
P.O. Box 5706
Spartanburg, SC 29304

RE: USC Upstate Parking
Improvements and Repairs
Encroachment Permit Submittal
URS Project No. 46423271/46423272

To Whom It May Concern:

On behalf of The University of South Carolina Upstate Campus, URS is pleased to submit the attached SCDOT Encroachment Permit package. USC Upstate is proposing to construct site improvements and repairs within the campus limits in Spartanburg, SC. The site improvements and repairs include the construction of parking lots, driveways, installation of storm drainage pipes and structures, pavement rehabilitation and repairs to existing roadways and parking lots, and grading of drainage swales and ditch improvements at various sites located within the USC Upstate campus. A portion of the pavement rehabilitation and resurfacing along American Way will encroach on SCDOT right-of-way at the intersection with Valley Falls Road (S-42-79). We respectfully request approval to construct these improvements within the SCDOT right-of-way.

We trust that this information is to your satisfaction and we look forward to your review and approval. Should you have any questions or comments, or require additional information, please do not hesitate to contact me at (803) 254-4400 or matt.jennings@urs.com.

Very truly yours,

URS Corporation

Matt Jennings, P.E.
Project Engineer

Enclosures

Cc: Mr. Rick Puncke, P.E., Director of Facilities Management-USC Upstate (via email w/o enclosures)
Mr. Bryan E. Thomas, P.E., Project Manager, URS Corporation

URS Corporation
101 Research Drive
Columbia, SC 29203
Tel: 803.254.4400
Fax: 803.771.6676

Encroachment permit application checklist

Permit Form: The completed form is required.

Drawing: Give details of the proposed work and existing conditions and including, but not limited to, the following:

- ✓ • Roadway on which the encroachment is located
- ✓ • Direction and distance to the nearest intersecting State and county roadways, if applicable (information on application)
- ✓ • North arrow
- ✓ • Drawing to be to scale. For example, 1in = 20ft (1:240), 1in = 50ft (1:600), etc.
- ✓ • Existing and proposed roadway geometry including pavement widths, curves, driveways, etc.
- ✓ • Existing and proposed pavement design, if applicable
- ✓ • Existing and proposed drainage features with flow direction
- ✓ • Existing right-of-way and associated property lines
 - Existing sight distance, if applicable N/A
 - Existing and proposed structures, if applicable N/A
 - Proposed utility work N/A
- ✓ • Traffic Control Plan, if applicable
 - Erosion control N/A

Note: If submitting a hardcopy application, drawing should be submitted on 8 1/2in x 11in [or 11in x 17in] size paper. A 36in x 22in site plan showing the relationship of the driveways to the circulation plan and the site development may be required. When readily available, a 36in x 22in site plan should be submitted initially to facilitate review of the application.

All Drawings Must Be To Scale!

Proof of Bonding: Evidence of any required bond must accompany the permit application.

Storm Water Management and Sediment Control Plan: All applications for encroachment permits that involve bringing storm water runoff or sediment to the highway for a developed area of 2 acres or more must include a copy of a Storm Water Management and Sediment Control Plan approved by DHEC, the local government, or the conservation district responsible for approving such plans pursuant to The Storm Water Management and Sediment Reduction Act. See S. C. Code Ann. Section 4814-10, et seq. (Supp. 1995). The plan should include drainage design computations. If the area is less than 2 acres, the application must include a drainage plan with supporting design computations limiting the post construction 10-year peak discharge to the pre-developed 10-year peak.

Bridges, Culverts, Retaining Walls or other Significant Structures: All applications for encroachment permits that involve these types of structures must include a signed and sealed copy of the Geotechnical Report, Hydrology Report, Construction Plans and Documents, and Structural Design Calculations as outlined in Chapter 12 of the Access and Roadside Management Standards Access and Roadside Management Standards (ARMS).