



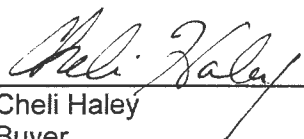
**BOONE COUNTY, MISSOURI**  
Request for Bid #: 29-18JUN15  
Brookfield Estates 2015 Concrete Rehabilitation Project

**ADDENDUM #1 - Issued June 15, 2015**

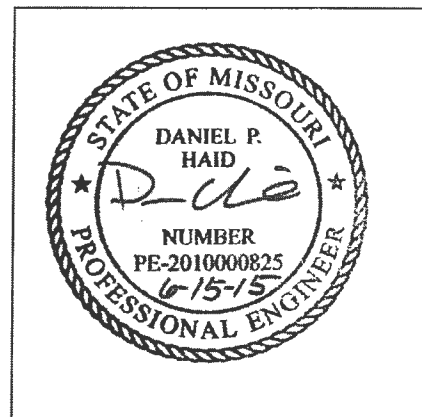
This addendum is issued in accordance with the Request for Bid Project Plans and/or Details and is hereby incorporated into and made a part of the Request for Bid Documents. Offerors are reminded that receipt of this addendum **SHOULD** be acknowledged and submitted with Offeror's *Response Form*.

Specifications and Plans for the above noted Request for Bid and the work covered thereby are herein modified as follows, and except as set forth herein, otherwise remain unchanged and in full force and effect:

1. Boone County has acquired the permit from Missouri Department of Transportation (MoDOT) for the work on Brook Valley Drive within Route N right-of-way as shown on the plans. Contractor will be required to abide by MoDOT requirements for execution of work under said permit. See attached permit for details.
2. Contractor will be allowed to use a standard vertical face milling head for partial depth repairs. Round or V-shaped heads as shown in the 'Concrete Pavement Preservation Guide' will also be allowed but not required.

By:   
Cheli Haley  
Buyer  
Boone County Purchasing

Approved:



OFFEROR has examined copy of Addendum #1 to Request for Bid # 29-18JUN15 Brookfield Estates 2015 Concrete Rehabilitation Project, receipt of which is hereby acknowledged:

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Phone Number: \_\_\_\_\_ Fax Number: \_\_\_\_\_

Authorized Representative Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Authorized Representative Printed Name: \_\_\_\_\_

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
PERMIT TO WORK ON RIGHT OF WAY  
LOCAL GOVERNMENT PROJECTS

District Central 1511 Mo Blvd  
Jefferson City MO 65023  
Inspector John Kuhlman  
Phone 573-522-6806  
RMS Belt  
Speed Limit \_\_\_\_\_ mph

Pavement repair  
(Type of Work)  
Issued 6-10-15  
Expires 9-2-15  
Released: \_\_\_\_\_

Permit No. cd-15-028740

Route: N County Boone   
City Sapp  
Log Points \_\_\_\_\_  
GPS Begins N \_\_\_\_\_ W \_\_\_\_\_  
GPS Ends N \_\_\_\_\_ W \_\_\_\_\_

Intersection/Stopping Sight Distance

Northbound/Eastbound  NB  EB \_\_\_\_\_ ISD ft. \_\_\_\_\_ SSD ft.  
Southbound/Westbound  SB  WB \_\_\_\_\_ ISD ft. \_\_\_\_\_ SSD ft.

Location of work on State Highway right of way along the East Side, at intersection  
\_\_\_\_\_ from with Brook Valley Dr.  
(State highway, County road, City street or County Line)

Description of work:  
Partial and full depth concrete repairs on Brook Valley Drive  
in Route N B/W at intersection. After concrete repairs, concrete  
street (Brook Valley Dr.) will get a chip seal interlayer and  
asphalt overlay. Also mill joint at Route N for smooth transition.

By signing this form, the applicant agrees to all provisions of this form, including the General Provisions attached hereto and incorporated by reference.

D. Heid 6-4-15  
(Signature) (Date)  
Dan Heid  
(Print or Type Name)  
Boone County  
(Applicant)  
801 E. Walnut  
(Address)  
Columbia MO 65201  
(City State Zip-code)  
(Telephone Number) 573-886-4496  
(Email Address) dheid@boonecountymo.org  
Surety deposit required. None , bond # \_\_\_\_\_, check # \_\_\_\_\_ Amount \_\_\_\_\_  
Transmittal Number \_\_\_\_\_ Make check payable to: **Director of Revenue Credit Road Fund**

\_\_\_\_\_  
(Signature) (Date)  
\_\_\_\_\_  
(Print or Type Name)  
\_\_\_\_\_  
(Applicant's Contractor)  
\_\_\_\_\_  
(Address)  
\_\_\_\_\_  
(City State Zip-code)  
\_\_\_\_\_  
(Telephone Number)  
\_\_\_\_\_  
(Email Address)

For Office use only  
Date: 6-10-15 By: JHK 60

All workers shall use personal protective equipment when working on MoDOT Right-of-Way.

Applicant is responsible for contacting Dig Rite at 1-800-344-7483 (DIG-RITE) or 811 before working on MODOT Right of Way.

Permitted work to comply with all appropriate sections of the General Provisions of this permit.

Traffic control meeting MUTCD to be in place during work on R/W. No lane closures allowed without submitting the "Notice of Intent" online at: <http://www.modot.org/asp/intentToWork.html> 48 hours prior to closure with times and dates approved by MoDOT.

Change permit status to work completed or contact MoDOT Traffic Specialist when work is done so an inspection can be done.

Work not accepted till permit is released by MoDOT.

## GENERAL PROVISIONS

Section 1. The signing of this form binds the applicant to the terms of this permit. If signed by Applicant's contractor or that contractor's authorized representative, the contractor and any subcontractors will be held jointly responsible for all of the requirements of this permit until it is released by the District Engineer or the District Engineer's representative. Applicant agrees to keep a copy of the permit and an approved plan on the job site.

Section 2. Construction material and equipment may be on the right of way only during the period of actual construction providing it is not on the road way shoulders, in the ditch or blocking sight distance. Roadway ditches, culverts and other such devices used to carry surface run-off will be kept open, free and clear at all times.

Section 3. Applicant agrees that construction inspection will be provided by Applicant to assure compliance with the permit.

Section 4. Applicant shall provide adequate preliminary engineering including planning, and coordination with all concerned parties to:

- (a) Confirm their contractor knows the rules and limitations for installations on highway right of way.
- (b) Provide preinstallation meetings to all parties on major installations.
- (c) Designate a point of contact who shall be available 24 hours per day, 7 days per week while the permittee is present on state highway rights of way and shall be capable of correcting any deficiencies in accordance with Missouri Standard Specifications for Highway Construction including, but not limited to Section 616.
- (d) Include the name and telephone numbers of the design engineer and construction manager, as well as the dimension of the facility from the right of way line on the permit.

Section 5. Prior to beginning work, the applicant will request from the established Missouri One-Call System, the location of all utilities on the right of way.

Section 6. Applicant will contact MoDOT 48 hrs prior to any lane closure or 14 calendar days prior to the imposition of height, width, and weight restrictions. Lane closure dates may be rescheduled and/or lane closure times may be shifted to off-peak and/or nighttime hours to minimize traffic backups. Schedule multiple tasks in a single work zone if possible.

Section 7. All work covered under this permit is to be in accordance with the Missouri Standard Specifications for Highway Construction, Missouri Standard Plans for Highway Construction, and The Manual on Uniform Traffic Control Devices (MUTCD current edition) where applicable. All utility facilities will be installed and located and all other work performed in accordance with the Code of State Regulations, Title 7, Division 10, Chapter 3, *Utility and Private Line Location and Relocation and other policies of the Missouri Department of Transportation*.

Section 8. No advertising signs or display material of an advertising nature is to be placed on or to extend over onto the right of way as covered in Section 227.220 R.S.Mo.

Section 9. Except for the negligence of the Commission, its officers, employees and agents, the Applicant agrees to hold harmless the Commission, its officers and employees from all liability, judgments, costs, expenses and claims growing out of damages of any nature whatsoever, to any person or property arising out of performance or non-performance of said work, or existence of said improvements, from permit issuance until released as dated hereon.

Section 10. All costs incurred due to the issuance of this permit shall be borne by the Applicant, the Applicant's successors, and assigns.

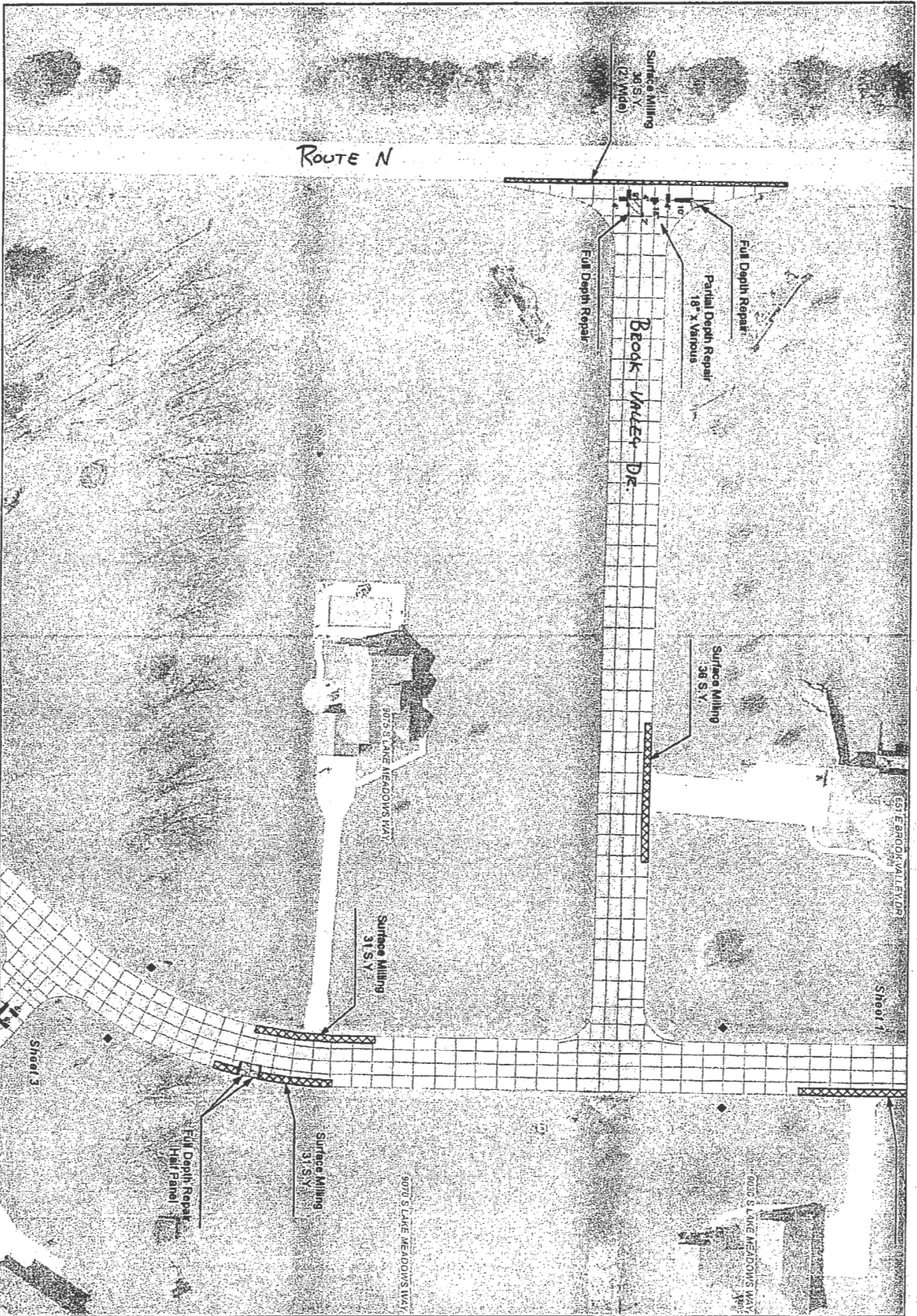
Section 11. It is understood that in granting this permit the Commission waives none of its power or rights to direct the removal, relocation, and/or proper maintenance in the future of anything within the right of way of the state highway at no cost to the Commission.

Section 12. The Applicant's deposit or bond may be held until the work has been completed and has been approved by the District Engineer or the District Engineer's representative. The Applicant agrees that the Commission may, after the expiration date of this permit or extension thereof, use as much of the deposit as may be necessary to restore, correct, or complete any and all work started or done by the Applicant by whatever means the Commission deems necessary. The Commission may use the deposit to correct any hazard which the Applicant/contractor does not correct upon notification.

Section 13. The obtaining of this permit does not relieve the Applicant of the responsibility for obtaining other permits required by this or any other agency having jurisdiction.

Section 14. For any land disturbance activity, the Applicant shall install erosion and sediment control measures as necessary to prevent pollution of streams, lakes, ponds and wetlands and to prevent silt from leaving MoDOT right of way. The Applicant agrees to restore vegetation with seed and mulch, sodding, or other approved methods, prior to removal of sediment control devices.

Section 15. No driveway or improvement constructed on the highway right of way, shall be altered or relocated without permission of the District Engineer or the District Engineer's representative.



Sheet 2  
 Date: 4/9/2015  
 Scale:  
 1 inch = 50 feet

**Boone County  
 Resource Management**  
 Boone County Government Center  
 801 E. Walnut Room 315  
 Columbia, MO 65201-7730  
 (573) 886-4480 Fax (673) 886-4340



**Brookfield Estates  
 2015 Concrete Rehab**

Choose One  
-hard hats must be high visibility



OR

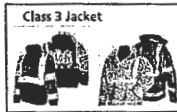


Choose One

-prescription



Choose One



OR



Choose One  
Safety Footwear



### Daytime Flagger PPE



- PPE = Personal Protective Equipment  
- PPE is not required in fully enclosed equipment/cab  
- PPE examples reflect minimum requirements

updated April 2015

Choose One  
-hard hats may be any color or design



OR



Choose One

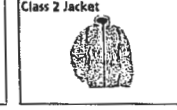
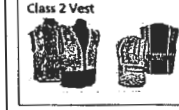
-prescription



Choose One



OR



Choose One  
Safety Footwear - metatarsal support needed for some operations



### Daytime Worker PPE



- PPE = Personal Protective Equipment  
- PPE is not required in fully enclosed equipment/cab  
- PPE examples reflect minimum requirements

updated April 2015

Choose One  
-hard hats must be high visibility and reflective



OR



Choose One -prescription



Choose One



OR



Choose One



Choose One  
Safety Footwear



### Nighttime Flagger PPE



- PPE = Personal Protective Equipment  
- PPE is not required in fully enclosed equipment/cab  
- PPE examples reflect minimum requirements

updated April 2015

Choose One  
-hard hats may be any color or design



OR



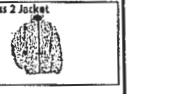
Choose One -prescription



Choose One



OR



Plus



Choose One  
Safety Footwear - metatarsal support needed for some operations



### Nighttime Worker PPE



- PPE = Personal Protective Equipment  
- PPE is not required in fully enclosed equipment/cab  
- PPE examples reflect minimum requirements

updated April 2015

MT13.113

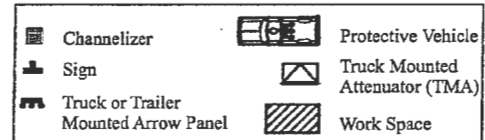
MT13.113

### 616.8-3a (TA-3a) Shoulder Work on Two Lane Highways without Edgelines - MT

| SPEED | SIGN SPACING (ft.) |             | TAPER LENGTH (ft.)         |                        | OPTIONAL BUFFER LENGTH (ft.) (B) | CHANNELIZER SPACING (ft.) |                    |
|-------|--------------------|-------------|----------------------------|------------------------|----------------------------------|---------------------------|--------------------|
|       | Undivided (S)      | Divided (S) | Shoulder <sup>1</sup> (T1) | Lane <sup>2</sup> (T2) |                                  | Tapers                    | Buffer/ Work Areas |
| 0-35  | 200                | -           | 70                         | -                      | 250                              | 35                        | 50                 |
| 40-45 | 350                | -           | 150                        | -                      | 360                              | 40                        | 100                |
| 50-55 | 500                | -           | 185                        | -                      | 495                              | 50                        | 100                |
| 60-70 | 1000               | -           | 235                        | -                      | 730                              | 60                        | 100                |

<sup>1</sup> Shoulder taper length based on 10 ft. (standard shoulder width) offset    <sup>2</sup> Lane taper length based on 12 ft. (standard lane width) offset

| ROADWAY TYPE    | SIGN HEIGHT         | MAXIMUM WORK ZONE LENGTH (L) |
|-----------------|---------------------|------------------------------|
| URBAN           | 1' Portable 7' Post | 1 Mi.                        |
| RURAL UNDIVIDED | 1' Portable 5' Post | 3 Mi.                        |



In addition to shoulder work, this typical application is applicable to work beyond shoulder where vehicles and equipment are parked on the shoulder.

A protective vehicle **may** be used while work is in progress. The protective vehicle **may** be equipped with a TMA and/or FAP and positioned at least 150 ft. in advance of the work space.

If encroachment onto driving surface occurs and there is not 10 ft. of driving surface available for the lane of traffic, that traffic lane **shall** be closed. Refer to appropriate lane closure typical applications.

If an arrow panel is used for an operation on the shoulder, the caution mode **shall** be displayed.

For short duration or mobile operations, signs, channelization devices, and protective vehicles **may** be reduced or eliminated if a work vehicle with activated rotating lights or strobe lights is used. However, if limited sight distance exists, a protective vehicle **should** be used. This protective vehicle **may** be equipped with a TMA and truck mounted flashing arrow panel and positioned at least 150 ft. in advance of the work space or work vehicle, as applicable. If a protective vehicle is used, a vehicle mounted sign **shall** be mounted at a recommended height of 48 in. above the road surface.

For work beyond shoulder, where vehicles and equipment are parked on the shoulder, the protective vehicle **may** be eliminated if a work vehicle with activated rotating lights or strobe lights is used.

Vehicle hazard warning signals **shall** not be used instead of the vehicle's rotating lights or strobe lights.

Additional warning signs **shall** be erected at each intersection with another state highway within the work zone. Upon the discretion of the supervisor, additional warning signs **may** be erected at other intersections within the work zone.

Other appropriate signs **may** be used in lieu of SHOULDER WORK AHEAD sign.

