



**TRANSPORTATION CABINET**

Frankfort, Kentucky 40622  
www.transportation.ky.gov/

**Steven L. Beshear**  
Governor

**Michael W. Hancock, P.E.**  
Secretary

February 14, 2012

CALL NO. 333  
CONTRACT ID NO. 122715  
ADDENDUM # 1

Subject: Boone County, FE01 0008 CW12 0000027  
Letting February 24, 2012

- (1) Revised - Work Location Sheet - Pages 11-14 of 70
- (2) Revised - Special Notes - Pages 21-26 of 70
- (3) Deleted - Page 27 of 70
- (4) Revised - Bid Items - Page 70 of 70

Proposal revisions are available at <http://transportation.ky.gov/Construction-Procurement/>.

If you have any questions, please contact us at 502-564-3500.

Sincerely,

A handwritten signature in blue ink that reads "Ryan Griffith".

Ryan Griffith  
Director  
Division of Construction Procurement

RG:ks  
Enclosures



An Equal Opportunity Employer M/F/D

WORK LOCATION SHEET

Route Number	Sys. County	Project Number	Begin	End	Project Length	Type 3 Mowing Acres	Number of Cycles	Litter Removal CtrIn Miles	Number of Cycles
US 25	MP Boone	FE01 008-0025 -000-012 M	Kenton County Line (MP 0.000)	Kenton County Line (MP 11.437)	11.437	21	3	11.4	3
US 42	MP Boone	FE01 008-0042 -000-016 M	Gallatin County Line (MP 0.000)	US 25 (MP 15.400)	15.4	50	3	15.4	3
US 42	MP Boone	FE01 008-0042 -005-006 M	Roadside Park (MP 5.685)			7	3		3
KY 8	MP Boone	FE01 008-0008 001-002 M	KY 20 (MP 1.220)	I-275 (MP 1.520)	0.3	1	3	0.3	3
KY 8	MP Boone	FE01 008-0008 -009-012 M	KY 20 (MP 9.978)	Kenton County Line (MP 11.117)	1.139	2	3	1.1	3
KY 14	MP Boone	FE01 008-0014 -000-009 M	US 42 (MP 0.000)	US 25 (MP 8.830)	8.83	19	3	8.8	3
KY 16	MP Boone	FE01 008-0016 -002-004 M	US 25 (MP 2.483)	Kenton County Line (MP 3.696)	1.213	2	3	1.2	3
KY 18	MP Boone	FE01 008-0018 000-011 M	KY 338 (MP 0.000)	KY 338 (MP 10.443)	10.443	23	3	10.4	3
KY 20	MP Boone	FE01 008-0020 -000-021 M	KY 18 (MP 0.000)	KY 8 (MP 20.596)	20.596	56	3	20.6	3
KY 236	MP Boone	FE01 008-0236 -000-004 M	Kenton County Line (MP 0.000)	End of State Maint. (MP 3.807)	3.807	10	3	3.8	3
KY 237	MP Boone	FE01 008-0237 -000-005 M	US 42 (MP 0.000)	KY 8 (MP 4.681)	4.681	10	3	4.7	3

WORK LOCATION SHEET

Route Number	County	Project Number	Begin	End	Project Length	Type 3 Mowing Acres	Number of Cycles	Removal CtrIn Miles	Number of Cycles	Litter
KY 338	MP Boone	FE01 008-0338 -000-005 M	US 25 (MP 0.000)	US 42 (MP 4.613)	4.613	10	3	4.6	3	
KY 536	MP Boone	FE01 008-0536 000-015 M	KY 338 (MP 0.000)	Kenton Co. Line (MP 14.746)	14.746	46	3	14.7	3	
KY 842	MP Boone	FE01 008-0842 -000-003 M	US 25 (MP 0.000)	US 42 (MP 2.572)	2.572	17	3	2.6	3	
KY 842	MP Boone	FE01 008-0842 -004-006 M	KY 18 (MP 4.751)	I-75 Ramp (MP 5.985)	1.234	5	3	1.2	3	
KY 1017	MP Boone	FE01 008-1017 000-002 M	US 25 (MP 0.000)	KY 842 (MP 1.132)	1.132	3	3	1.1	3	
KY 1829	MP Boone	FE01 008-1829 -000-002 M	US 42 (MP 0.000)	Kenton County Line (MP 1.930)	1.93	10	3	1.9	3	
KY 3060	MP Boone	FE01 008-3060 -000-003 M	US 42 (MP 0.000)	US 25 (MP 2.727)	2.727	7	3	2.7	3	
KY 3076'	MP Boone	FE01 008-3076 -000-002 M	KY 236 (MP 0.000)	KY 1017 (MP 1.237)	1.237	3	3	1.2	3	
KY 3147	MP Boone	FE01 008-3147 -000-001 M	KY 1017 (MP 0.000)	KY 236 (MP 0.600)	0.6	1	3	0.6	3	
KY 3168	MP Boone	FE01 008-3168 -000-004 M	KY 18 (MP 0.000)	KY 237 (MP 3.232)	3.232	8	3	3.2	3	
KY 3503	MP Boone	FE01 008-3503 -000-002 M	KY 536 (MP 0.000)	KY 1829 (MP 1.674)	1.674	6	3	1.7	3	
<b>SUBTOTAL MP</b>					<b>113.543</b>	<b>317</b>		<b>113.5</b>		

WORK LOCATION SHEET

Route Number	County	Project Number	Limits of Projects		Project Length	Type 3 Mowing Acres	Number of Cycles	Removal of CtrIn Miles	Number of Cycles
			Begin	End					
KY 8	RS Boone	FE01 008-0008 -000-002 M	KY 20 (MP 0.000)	I-275 (MP 1.220)	1.22	4	3	1.2	3
KY 8	RS Boone	FE01 008-0008 -002-010 M	Beginning of State Maintenance (MP 1.520)	KY 20 (MP 9.978)	8.458	22	3	8.5	3
KY 16	RS Boone	FE01 008-0016 -000-003 M	Gallatin County Line (MP 0.000)	KY 14 (MP 2.483)	2.483	6	3	2.5	3
* Includes Mowing on Erlanger Road at I-275.									
KY 237	RS Boone	FE01 008-0237 -009-014 M	I-275 (MP 9.050)	KY 8 (MP 13.241)	4.191	8	3	4.2	3
KY 338	RS Boone	FE01 008-0338 -004-033 M	US 42 (MP 4.613)	KY 20 (MP 32.228)	27.615	71	3	27.6	3
KY 491	RS Boone	FE01 008-0491 -000-003 M	KY 14 (MP 0.000)	Grant County Line (MP 2.638)	2.638	6	3	2.6	3
KY 1017	RS Boone	FE01 008-1017 001-004 M	KY 842 (MP 1.132)	Kenton Co. Line (MP 3.738)	2.606	11	3	2.6	3
KY 1292	RS Boone	FE01 008-1292 -000-005 M	US 42 (MP 0.000)	KY 14 (MP 4.933)	4.933	11	3	4.9	3
KY 1925	RS Boone	FE01 008-1925 -000-008 M	Boat Dock Entrance (MP 0.000)	KY 536 (MP 7.488)	7.488	14	3	7.5	3
KY 1942	RS Boone	FE01 008-1942 -000-001 M	Gallatin County Line (MP 0.000)	KY 491 (MP 0.617)	0.617	1	3	0.6	3
KY 2846	RS Boone	FE01 -008-2846 -000-002 M	KY 237 (MP 0.000)	KY 8 (MP 1.328)	1.328	3	3	1.3	3
KY 2847	RS Boone	FE01 008-2847 -000-001 M	KY 3503 (MP 0.000)	US 25 (MP 0.726)	0.726	1	3	0.7	3

WORK LOCATION SHEET

Route Number	County	Project Number	Limits of Projects		End	Project Length	Type 3 Mowing Acres	Number of Cycles	Litter Removal CtrIn Miles	Number of Cycles
			Begin							
KY 2848	RS Boone	FE01 008-2848-000-001 M	0.216 Mile Southwest	KY 2847 (MP 0.726)	0.216	1	3	0.2	3	
KY 2850	RS Boone	FE01 008-2850-000-001 M	Gallatin County Line	US 42 (MP 0.289)	0.289	1	3	0.3	3	
KY 2852	RS Boone	FE01 008-2852-000-003 M	KY 338	KY 536 (MP 2.337)	2.337	3	3	2.3	3	
KY 2951	RS Boone	FE01 008-2951-000-003 M	KY 338	US 25 (MP 2.790)	2.79	7	3	2.8	3	
<b>SUBTOTAL RS</b>						<b>69.935</b>	<b>170</b>	<b>69.9</b>		
<b>GRAND TOTAL</b>						<b>183.478</b>	<b>487</b>	<b>183.5</b>		

Maximum time to complete a cycle: 12 working days.

## **SPECIAL NOTES FOR RIGHT-OF-WAY MOWING, TRIMMING, AND LITTER REMOVAL**

### **I. DESCRIPTION.**

Perform the work by the Kentucky Department of Highways 2008 Standard Specifications for Road and Bridge Construction and Applicable Special Provisions, except as specified. Article references are to the Standard Specifications.

Perform work on this project as follows: a) Mow the vegetation on the roadside rights-of-ways which has been delineated by mowing stakes and right-of-way fences and denoted on the included work location sheet(s); b) Trim the vegetation from around roadside obstacles and their proximity; c) Pickup and remove litter and debris from the roadside rights-of-ways as denoted on the included work location sheet(s); d) Maintain and control traffic; e) All other work specified by this contract.

### **II. OPERATION METHODS.**

**A. Maintain and Control Traffic.** Refer to the Traffic Control Plan for Right-of-Way Mowing, Trimming, and Litter Removal contained elsewhere in this proposal.

**B. Right-of-Way Mowing.** Mow all areas outside (beyond) the edge of the shoulder or the edge of the pavement along the roadway and along the ramps of interchanges, and that extend back to the designated staked mowing line or right-of-way fence. Include all interchange areas and normal width medians. Mow all bi-furcated medians, where the roadway separates beyond the normal median width, on all areas inside (beyond) the edge of the median shoulder or the edge of the median pavement along the roadway, and that extend back to the designated-staked mowing line.

Mow the following areas: a) Shoulders, normal width medians, and slopes that are 3:1 or flatter; b) Five feet up the back-slope on areas adjacent to the roadway on both the median (inside) and the outside cut slope areas beginning at the bottom of the roadway ditch and extending up the slope to a point **five feet** from the beginning; c) Five feet up the back-slope of cut areas located away from roadway ditches; d) Five feet over fill slopes steeper than 3:1 located adjacent to the roadway shoulder; e) Five feet over the top edge of cut slopes that can be traversed with mowing equipment without damaging the turf; f) Two feet over the edges of paved and rock-lined ditches. **(See Drawings).**

Mow the vegetation to a uniform height of **four - eight inches**. Mow all woody vegetation up to a maximum diameter of **one inch**. Do not mow areas that have been delineated by mowing stakes to allow for the natural regeneration of native vegetation and for the establishment of specialized plantings, such as wildflowers or ornamental grasses.

Use a batwing, modified batwing, or a batwing-type mower only as denoted on the work location sheet(s). Do not use a batwing, modified batwing, or batwing-type mower on areas where the unit will be a safety hazard to motorists or will cause damage to the roadside terrain.

The mowing of the vegetation in these areas may require the use of a side-mounted sickle, flail, or rotary unit that is mid-mounted on the right side of the tractor. **Obtain approval from the Engineer prior to the use of a batwing, modified batwing, or a batwing-type mower unit in all situations.**

The use or the attempted use of a batwing mower, a modified batwing, or a batwing-type mower in an area that has not been denoted for its use, or in an area that has not been approved by the Engineer, will result in an immediate suspension of all work operations in accordance with Section 108, and will result in the assessment of a penalty of **\$250.00** for each occurrence on each cycle. Operations will remain suspended until the situation has been corrected and approval has been given by the Engineer for work operations to resume.

Remove vegetative material (biomass) or other debris that was thrown onto the roadway pavement or the shoulder pavement or over drainage structures as a result of mowing operations immediately. Failure to correct this safety hazard will result in an immediate suspension of all work operations in accordance with Section 108 and will result in the assessment of a penalty of **\$250.00** for each occurrence on each cycle. Operations will remain suspended until the safety hazard has been corrected and approval has been given by the Engineer for work operations to resume.

The Engineer will provide an entrance into and an exit from mowing areas that are landlocked by existing guardrail or other barrier.

Begin mowing operations on the project at the point designated by the Engineer and proceed in the same general direction in a continuous manner until the work is completed.

**C. Trimming.** Trim the vegetation around roadside obstacles, such as sign posts, delineator posts, light poles, steel beam guardrail, cable barriers and posts, guardrail posts, guardrail end treatments, headwalls, catch basins, bridge end abutments, mailboxes, newspaper boxes, landscape plantings, natural woody vegetation, rock fences and around paved and rock-lined ditches. Trim around landscaped trees, shrubs, planting beds, and the perimeter of groundcover and wildflower areas, and along the base of rock cuts, five (5) feet up from the base of cut. When trimming around guardrail entities, trim the area around the guardrail, the guardrail posts, and the guardrail end treatments beginning at the edge of the roadway pavement (**edge-line of the driving lane**) and extending to a point that **is one foot beyond the base of the guardrail post.** (See Drawings).

Trim the vegetation to a uniform height of **two -four inches.** Use a weed trimmer with a metal blade to trim all woody vegetation up to a maximum diameter of one inch.

Perform trimming operations in conjunction with each cycle of right-of-way mowing and complete trimming operations in conjunction with each cycle of right-of-way mowing.

**D. Litter Removal.** Pickup and remove litter and debris from the designated areas. Pickup and remove litter and debris from right-of-way fences, roadway ditches, catch basins, drop boxes, drainage structures, areas behind guardrails, medians, and interchanges that is of such size that throwing and shredding of the litter and debris may occur as a result of mowing operations. Pickup and remove refuse items of litter and debris such as paper, glass, wood, tires, metal, plastic containers, and styrofoam products.

Pick up and remove litter and debris in conjunction with the mowing operation. However, if the litter and debris has been shredded by the mowing operation, pick up the litter and debris within **twenty-four (24) hours** after the mowing operation has passed. Remove litter and debris that has been collected through the course of a day from the project **at the end of each work day** and dispose of it off of the rights-of-ways. Dispose of all litter and debris in accordance with approved practices and procedures as set forth by the Kentucky Division of Solid Waste Management.

Failure to pickup and remove litter and debris in a proper and timely manner or failure to

remove the collected litter and debris at the end of each work day will result in an immediate suspension of all work operations in accordance with Section 108 and will result in the assessment of a penalty of **\$250.00** for each occurrence on each cycle.

Operations will remain suspended until the situation has been corrected and approval has been given by the Engineer for work operations to resume.

Perform litter removal operations in conjunction with each cycle of right-of-way mowing and complete litter removal operations in conjunction with the completion of each cycle of right-of-way mowing.

**E. Equipment.** Provide sufficient numbers of equipment units (tractors with applicable mower unit attachments) to perform and complete the required work within the specified time frame. **Failure to comply with this requirement may result in agreed liquidated damages and may also result in the default of the contract.**

Provide and use equipment in accordance with Section 108. Conform to all Occupational Safety and Health Administration (OSHA) regulations. Furnish all equipment attachments and accessory items necessary for the efficient operation and completion of the work. Place the company name and phone number on each tractor and work zone support vehicle in a location on the unit that is visible to the public. Use lettering that is a minimum of **three inches** in height (**See Drawings**).

Clean all mowing equipment thoroughly to remove weed seed, biomass, and soil material from surfaces prior to transporting equipment to the job site and perform daily cleanings once work on the project has begun.

Park or store equipment that is idle or not in use, such as during break times, lunch time, or overnight away from the outside shoulder of the roadway in an inconspicuous location behind the guardrail or outside the clear zone as directed by the Engineer. Do not park equipment in medians, gore areas, or on shoulders.

### **III. DAMAGE TO HIGHWAY PROPERTY.**

Do not damage turf areas, slopes, trees, shrubs, or other roadside features during mowing, trimming, or litter removal operations. Do not mow when turf and soil conditions are wet to the point that turf damage or ruts will occur.

When damage does occur to turf, slopes, trees, shrubs, or other roadside features as a result of mowing, trimming, or litter removal operations, replace or repair the same in like kind at the direction of the Engineer at no cost to the Department.

When damaged property resulting from mowing, trimming, or litter removal operations has to be repaired or replaced by the Department, the cost of the work will be deducted from any payment due the Contractor.

### **IV. DAMAGE TO HIGHWAY SIGNS AND DELINEATORS.**

Do not damage Department of Highway Signage or Delineators during mowing, trimming, or litter removal operations. When damage does occur to signs or delineators replace the damaged sign or delineator in like kind at the direction of the Engineer at no cost to the Department.



When damaged signs or delineators resulting from the mowing, trimming, or litter removal operations must be repaired by the department, the cost of the work will be deducted from any payment due the Contractor.

In addition, a **penalty of \$500.00 per occurrence** will be assessed the Contractor for each occurrence where the Contractor fails to repair or replace a damaged highway sign or delineator that was damaged as a result of the mowing, trimming, or litter removal operations.

**V. DAMAGE TO MAILBOXES.**

Replace immediately any mailbox that has been knocked down as a result of mowing operations with a temporary mailbox that meets the minimum specifications of the United States Post Office. Within **seven calendar days**, replace the mailbox in like kind to the approval of the Engineer and the mailbox owner. Failure to comply with the replacement of a damaged mailbox with the temporary or the permanent mailbox will result in the assessment of a **penalty of \$250.00 for each occurrence**.

**VI. MEASUREMENT.**

**A. Right-of-Way Mowing.** The Department will measure the quantity of each cycle of Right-of-Way Mowing by the acre. The Department will not measure Trimming and will consider this item incidental to the Right-of-Way Mowing item of work.

**B. Litter Removal.** The Department will measure the quantity of each cycle of Litter Removal by the centerline mile (Cardinal Direction).

**VII. PAYMENT.**

The Department will make payment for the completed and accepted quantities of Right-of-Way Mowing and Litter Removal under the following:

<u>Code</u>	<u>Pay Item</u>	<u>Pay Unit</u>
2167	Right-of-Way Mowing	Acre
3280	Litter Removal	Centerline Mile

The Department will consider payment as full compensation for all work required under this section.

## **SPECIAL NOTES FOR PROSECUTION OF THE WORK, LIQUIDATED DAMAGES, AND FREQUENCY OF THE WORK**

### **I. PROSECUTION OF THE WORK.**

Notification to begin work operations on each cycle of this project will be made by Certified Mail at a minimum of **ten calendar days** prior to the date scheduled for the cycle to begin. Follow-up notification will be made by telephone, FAX, or E-mail at the discretion of the Contractor.

Begin work operations on the date specified in the letter of notification for work to begin. Working Days will begin on the date specified in the letter of notification for work to begin. Carry out all work operations to the satisfaction of the Engineer within the time specified. Failure to begin work on the date as specified in the letter of notification for work to begin will result in the assessment of a **penalty of \$1,000.00 per calendar day per cycle** for each calendar day beyond the specified date that no work has been performed.

**The Contractor is considered to be in compliance with this requirement when tractors equipped with mowing attachments are performing work operations on the job site. The Contractor is also considered to be in compliance with this requirement when litter removal crews are performing work operations on the job site.**

Provide notice to the Department of the date work is to begin on each cycle of this project and of each subsequent day work operations are to be performed on each cycle of this project. **Failure to provide this notification will result in non-payment of any work that was performed on the date where notification was not provided.**

### **II. LIQUIDATED DAMAGES.**

Contrary to the 2008 Standard Specifications, the Department will apply the following as agreed liquidated damages on this contract:

*Right-of-Way Mowing*                      *\$1000.00 per day per cycle*

*Litter Removal*                              *\$500.00 per day per cycle*

### **III. FREQUENCY OF RIGHT-OF-WAY MOWING, TRIMMING, AND LITTER REMOVAL.**

Perform the work on each cycle of this contract project as noted on the included work location sheet(s) and as directed by the Engineer. Perform the number of cycles of work on each route or route segment of this contract project as noted on the included work location sheet(s) and as directed by the Engineer.

Cycles of mowing and trimming may be reduced or increased as directed by the Engineer when climatic conditions exist that either limit or enhance the growth of vegetation. Cycles of mowing and trimming may also be increased on certain routes or route segments to accommodate special events that may occur throughout the mowing season. Any partial cycles will be performed at the unit bid price for mowing.

Cycles of litter removal may be reduced or increased as directed by the Engineer when conditions exist where either the incidence of litter is not significant or the incidence of litter becomes extensive. Cycles of litter removal may also be increased on certain routes or route segments to accommodate special events that may occur throughout the mowing season. Any partial cycles will be performed at the unit bid price for litter removal.

Where a construction project is in progress, or where a construction project is awarded during the contract period of this contract that interferes with work operations of this contract, the construction contract will have priority. No claim will be allowed for interruptions to the schedule or operations of this contract.

When directed by the Engineer, perform work operations on this contract on an area that had previously been skipped due to the construction contractors operations. No additional compensation will be allowed for returning to accomplish this work.

A full or partial cycle or cycles on a specific segment or route may be deleted from this contract by the Engineer due to the operations of the construction Contractor without invalidating the remainder of this contract. No additional compensation will be made for anticipated profit on such elimination of a cycle.

Any increase or a decrease in the work required on this contract will be addressed in accordance with the 2008 Standard Specifications.

CONTRACT ID: 122715  
COUNTY: BOONE  
PROPOSAL: FE01 0008 CW12 0000027

PAGE: 1  
LETTING: 02/24/12  
CALL NO: 333

LINE NO	ITEM	DESCRIPTION	APPROXIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
SECTION 0001 MOWING						
0020	02167	RIGHT-OF-WAY MOWING (TYPE 3); (REVISED: 2-14-12)	1,461.000	ACRE		
0030	03280	LITTER REMOVAL	550.500	MILE		
0040	21741NC	MAINTAIN & CONTROL TRAFFIC	3.000	EACH		
SECTION 0002 DEMOBILIZATION						
0050	02569	DEMOBILIZATION (AT LEAST 1.5%)		LUMP		
		TOTAL BID				