



TRANSPORTATION CABINET

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

Steven L. Beshear
Governor

Michael W. Hancock, P.E.
Secretary

May 14, 2012

CALL NO. 103
CONTRACT ID NO. 121309
ADDENDUM # 1

Subject: Jessamine County, STPM 5191 (005)
Letting May 18, 2012

- (1) Revised - Plan Sheet - R2A
- (2) Revised - Table of Contents - Page 2 of 132
- (3) Added - Right-of-Way Certification Form - Pages 22(a)-22(c) of 132
- (4) Added - Special Note - Pages 98(a)-98(c) of 132
- (5) Revised - Bid Items - Pages 130-132 of 132

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

Plan revisions are available at <http://www.lynnimaging.com/kytransportation/>.

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

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Right-of-Way Certification Form

Revised 2/22/11

Federal Funded

Original

State Funded

Re-Certification

This form must be completed and submitted to FHWA with the PS&E package for federal-aid funded Interstate, Appalachia, and Major projects. This form shall also be submitted to FHWA for all federal-aid projects that fall under Conditions No. 2 or 3 outlined elsewhere in this form. When Condition No. 2 or 3 apply, KYTC shall resubmit this ROW Certification prior to construction contract Award. For all other federal-aid projects, this form shall be completed and retained in the KYTC project file.

Date: April 27, 2012

Project Name: Keene Road (Ky 169)

Letting Date: May 2012

Project #: FD52 C057 83259 01R

County: Jessamine

Item #: 7-398.00

Federal #: STPM 5191 (003)

Description of Project: Culvert Replacement

Projects that require **NO** new or additional right-of-way acquisitions and/or relocations

- The proposed transportation improvement will be built within the existing rights-of-way and there are no properties to be acquired, individuals, families, and businesses ("relocatees") to be relocated, or improvements to be removed as a part of this project.

Projects that require new or additional right-of-way acquisitions and/or relocations

- Per 23 CFR 635.309, the KYTC hereby certify that all relocatees have been relocated to decent, safe, and sanitary housing or that KYTC has made available to relocatees adequate replacement housing in accordance with the provisions of the current FHWA directive(s) covering the administration of the Highway Relocation Assistance Program and that at least one of the following three conditions has been met. (Check those that apply.)

- Condition 1.** All necessary rights-of-way, including control of access rights when applicable, have been acquired including legal and physical possession. Trial or appeal of cases may be pending in court but legal possession has been obtained. There may be some improvements remaining on the right-of-way, but all occupants have vacated the lands and improvements, and KYTC has physical possession and the rights to remove, salvage, or demolish all improvements and enter on all land. Fair market value has been paid or deposited with the court.

- Condition 2.** Although all necessary rights-of-way have not been fully acquired, the right to occupy and to use all rights-of-way required for the proper execution of the project has been acquired. Trial or appeal of some parcels may be pending in court and on other parcels full legal possession has not been obtained, but right of entry has been obtained, the occupants of all lands and improvements have vacated, and KYTC has physical possession and right to remove, salvage, or demolish all improvements. Fair market value has been paid or deposited with the court for most parcels. Fair market value for all pending parcels will be paid or deposited with the court prior to AWARD of construction contract. (See note 1 below.)

Note 1: The KYTC shall re-submit a right-of-way certification form for this project prior to AWARD of all Federal-Aid construction contracts. Award must not to be made until after KYTC has obtained full legal possession and fair market value for all parcels has been paid or deposited with the court and FHWA has concurred in the re-submitted right-of-way certification.

Right-of-Way Certification Form

Revised 2/22/11

Condition 3. The acquisition or right of occupancy and use of a few remaining parcels are not complete and/or some parcels still have occupants. However, all remaining occupants have had replacement housing made available to them in accordance with 49 CFR 24.204. The KYTC is hereby requesting authorization to advertise this project for bids and to proceed with bid letting even though the necessary rights-of-way will not be fully acquired, and/or some occupants will not be relocated, and/or the fair market value will not be paid or deposited with the court for some parcels until after bid letting. KYTC will fully meet all the requirements outlined in 23 CFR 635.309(c)(3) and 49 CFR 24.102(j) and will expedite completion of all acquisitions, relocations, and full payments after bid letting and prior to AWARD of the construction contract or force account construction. A full explanation and reason for this request, including identification of each such parcel and dates on which acquisitions, payments, and relocations will be completed, is attached to this certification form for FHWA concurrence. (See note 2.)

Note 2: The KYTC may request authorization on this basis only in unique and unusual circumstances. Proceeding to bid letting shall be the exception and never become the rule. In all cases, the KYTC shall make extraordinary efforts to expedite completion of the acquisition, payment for all affected parcels, and the relocation of all relocatees prior to AWARD of all Federal-Aid construction contracts or force account construction.

Approved: JEFF RAY [Signature] Right-of-Way Supervisor
Printed Name Signature 4/27/12

Approved: Keith McDonald [Signature] KYTC, Director of ROW & Utilities
Printed Name Signature 4/27/12

Approved: David Whitworth [Signature] FHWA, ROW Officer (when applicable)
Printed Name Signature 5/11/12

Right-of-Way Certification Form

Revised 2/22/11

Date: April 27, 2012

Project Name: Keene Road (Ky 169)
 Project #: FD52 C057 83259 01R
 Item #: 7-398.00
 Letting Date: May 2012

County: Jessamine
 Federal #: STPM 5191 (003)

This project has 5 total number of parcels to be acquired, and 0 total number of individuals or families to be relocated, as well as 0 total number of businesses to be relocated.

- 3 Parcels where acquired by a signed fee simple deed and fair market value has been paid
- Parcels have been acquired by IOJ through condemnation and fair market value has been deposited with the court
- 2 Parcels have not been acquired at this time *(explain below for each parcel)*
- Parcels have been acquired or have a "right of entry" but fair market value has not been paid or has not been deposited with the court *(explain below for each parcel)*
- Relocatees have not been relocated from parcels , , , , , , and *(explain below for each parcel)*

| Parcel # | Name/Station | Explanation for delayed acquisition, delayed relocation, or delayed payment of fair market value | Proposed date of payment or of relocation |
|----------|-----------------|--|---|
| 4 | Speedaway Farms | Working with their attorney to get signatures on the deed. Owners live in various states. | May or June 2012 |
| 5 | Troy Seale | Working with attorney to get signature on deed | May 2012 |
| | | | |
| | | | |
| | | | |
| | | | |

There are 0 billboards and/or 0 cemeteries involved on this project.

There are 0 water or monitoring wells on parcels , , , , and . All have been acquired and are the responsibility of the project contractor to close/cap.

Form Effective Date: April 1, 2006
 Last Revised: February 22, 2011

SPECIAL NOTE FOR PORTABLE CHANGEABLE MESSAGE SIGNS

This Special Note will apply when indicated on the plans or in the proposal.

1.0 DESCRIPTION. Furnish, install, operate, and maintain variable message signs at the locations shown on the plans or designated by the Engineer. Remove and retain possession of variable message signs when they are no longer needed on the project.

2.0 MATERIALS.

2.1 General. Use LED or flip disk/LED Variable Message Signs Class I, II, or III, as appropriate, from the Department's List of Approved Materials.

Unclassified signs may be submitted for approval by the Engineer. The Engineer may require a daytime and nighttime demonstration. The Engineer will make a final decision within 30 days after all required information is received.

2.2 Sign and Controls. All signs must:

- 1) Provide 3-line messages with each line being 8 characters long and at least 18 inches tall. Each character comprises 35 pixels.
- 2) Provide at least 40 preprogrammed messages available for use at any time. Provide for quick and easy change of the displayed message; editing of the message; and additions of new messages.
- 3) Provide a controller consisting of:
 - a) Keyboard or keypad.
 - b) Readout that mimics the actual sign display. (When LCD or LCD type readout is used, include backlighting and heating or otherwise arrange for viewing in cold temperatures.)
 - c) Non-volatile memory or suitable memory with battery backup for storing pre-programmed messages.
 - d) Logic circuitry to control the sequence of messages and flash rate.
- 4) Provide a serial interface that is capable of supporting complete remote control ability through land line and cellular telephone operation. Include communication software capable of immediately updating the message, providing complete sign status, and allowing message library queries and updates.
- 5) Allow a single person easily to raise the sign to a satisfactory height above the pavement during use, and lower the sign during travel.
- 6) Allow direct wiring for operation of the sign or arrow board from an external power source when desired.
- 7) Be Highway Orange on all exterior surfaces of the trailer, supports, and controller cabinet.
- 8) Provide operation in ambient temperatures from -30 to + 120 degrees Fahrenheit during snow, rain and other inclement weather.
- 9) Provide the driver board as part of a module. All modules are interchangeable, and have plug and socket arrangements for disconnection and reconnection. Printed circuit boards associated with driver boards have a conformable coating to protect against moisture.
- 10) Provide a sign case sealed against rain, snow, dust, insects, etc. The lens is UV stabilized clear plastic (polycarbonate, acrylic, or other approved material) angled to prevent glare.

- 11) Provide a flat black UV protected coating on the sign hardware, character PCB, and appropriate lens areas.
- 12) Provide a photocell control to provide automatic dimming.
- 13) Allow an on-off flashing sequence at an adjustable rate.
- 14) Provide a sight to aim the message.
- 15) Provide a LED display color of approximately 590 nm amber.
- 16) Provide a controller that is password protected.
- 17) Provide a security device that prevents unauthorized individuals from accessing the controller.
- 18) Provide the following 3-line messages preprogrammed and available for use when the sign unit begins operation:

| | |
|-------------------------|-------------------------|
| /KEEP/RIGHT/⇒⇒⇒/ | /MIN/SPEED/**MPH/ |
| /KEEP/LEFT/⇐⇐⇐/ | /ICY/BRIDGE/AHEAD/ /ONE |
| /LOOSE/GRAVEL/AHEAD/ | LANE/BRIDGE/AHEAD/ |
| /RD WORK/NEXT/**MILES/ | /ROUGH/ROAD/AHEAD/ |
| /TWO WAY/TRAFFIC/AHEAD/ | /MERGING/TRAFFIC/AHEAD/ |
| /PAINT/CREW/AHEAD/ | /NEXT/***/MILES/ |
| /REDUCE/SPEED/**MPH/ | /HEAVY/TRAFFIC/AHEAD/ |
| /BRIDGE/WORK/**0 FT/ | /SPEED/LIMIT/**MPH/ |
| /MAX/SPEED/**MPH/ | /BUMP/AHEAD/ |
| /SURVEY/PARTY/AHEAD/ | /TWO/WAY/TRAFFIC/ |

*Insert numerals as directed by the Engineer.
Add other messages during the project when required by the Engineer.

2.3 Requirements for Flip-Disc Type Signs. Flip-disc type signs will have the following additional requirements:

- 1) Disc faces are fluorescent yellow on one side, and flat black on the reverse.
- 2) Discs are at least 3.5 square inches with a minimum character size of 5 discs horizontally by 7 discs vertically.
- 3) Discs are designed to operate without lubrication for at least 200 million operations.
- 4) Line change speed of 600 milliseconds or less.
- 5) When power is lost, the sign automatically becomes blank or displays a preprogrammed default message.

2.4 Power.

- 1) Design solar panels to yield 10 percent or greater additional charge than sign consumption. Provide energy backup for 21 days without sunlight and an on-board system charger with the ability to recharge completely discharged batteries in 24 hours.
- 2) Diesel Power Source. Ensure the following is provided for:
 - a) At least 24 spare bulbs available on the project for quick replacement of burned out bulbs.
 - b) Black light at both top and bottom of each line to illuminate discs for visibility at night or under adverse weather conditions, for flip disk signs.

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- c) Diesel generator and electric start assembly, including batteries and a fuel capacity adequate to provide at least 72 hours continuous operation without refueling.
- d) Fuel gage.
- e) Provide all other specific features, such as bulb size, protection from sun glare, and shock protection for electronics and bulbs, to the satisfaction of the Engineer.

3.0 CONSTRUCTION. Furnish and operate the variable message signs as designated on the plans or by the Engineer. Ensure the bottom of the message panel is a minimum of 7 feet above the roadway in urban areas and 5 feet above in rural areas when operating. Use Class I, II, or III signs on roads with a speed limit less than 55 mph. Use Class I or II signs on roads with speed limits 55 mph or greater. Unless the Contract specifies flip-disk signs, use Class I signs on interstates and parkways.

Maintain the sign in proper working order, including repair of any damage done by others, until completion of the project. When the sign becomes inoperative, immediately repair or replace the sign. Repetitive problems with the same unit will be cause for rejection and replacement.

Use only project related messages and messages directed by the Engineer, unnecessary messages lessen the impact of the sign. Ensure the message is displayed in either one or 2 phases with each phase having no more than 3 lines of text. When no message is needed, but it is necessary to know if the sign is operable, flash only a pixel or disk.

When the sign is not needed, move it outside the clear zone or where the Engineer directs. Variable Message Signs are the property of the Contractor and shall be removed from the project when no longer needed. The Department will not assume ownership of these signs.

4.0 MEASUREMENT. The final quantity of Variable Message Sign will be the actual number of individual signs acceptably furnished and operated during the project. The Department will not measure signs replaced due to damage or rejection.

5.0 PAYMENT. The Department will pay for the Variable Message Signs at the unit price each. The Department will not pay for signs replaced due to damage or rejection. Payment is full compensation for furnishing all materials, labor, equipment, and service necessary to, operate, move, repair, and maintain or replace the variable message signs. The Department will make payment for the completed and accepted quantities under the following:

| <u>Code</u> | <u>Pay Item</u> | <u>Pay Unit</u> |
|-------------|----------------------------------|-----------------|
| 02671 | Portable Changeable Message Sign | Each |

January 5, 2010

CONTRACT ID: 121309
COUNTY: JESSAMINE
PROPOSAL: STPM 5191 (005)

PAGE: 1
LETTING: 05/18/12
CALL NO: 103

| LINE NO | ITEM | DESCRIPTION | APPROXIMATE QUANTITY | UNIT | UNIT PRICE | AMOUNT |
|----------------------|-------|---------------------------------------|----------------------|------|------------|--------|
| SECTION 0001 PAVING | | | | | | |
| 0010 | 00001 | DGA BASE | 452.000 | TON | | |
| 0020 | 00212 | CL2 ASPH BASE 1.00D PG64-22 | 705.000 | TON | | |
| 0030 | 00301 | CL2 ASPH SURF 0.38D PG64-22 | 84.000 | TON | | |
| SECTION 0002 ROADWAY | | | | | | |
| 0040 | 00078 | CRUSHED AGGREGATE SIZE NO 2 | 368.000 | TON | | |
| 0050 | 01000 | PERFORATED PIPE-4 IN | 36.000 | LF | | |
| 0060 | 01010 | NON-PERFORATED PIPE-4 IN | 8.000 | LF | | |
| 0070 | 01020 | PERF PIPE HEADWALL TY 1-4 IN | 1.000 | EACH | | |
| 0080 | 02014 | BARRICADE-TYPE III | 12.000 | EACH | | |
| 0090 | 02230 | EMBANKMENT IN PLACE | 2,380.000 | CUYD | | |
| 0100 | 02242 | WATER | 5.000 | MGAL | | |
| 0110 | 02347 | WATER GATE TYPE 1 | 1.000 | EACH | | |
| 0120 | 02351 | GUARDRAIL-STEEL W BEAM-S FACE | 700.000 | LF | | |
| 0130 | 02360 | GUARDRAIL TERMINAL SECTION NO 1 | 1.000 | EACH | | |
| 0140 | 02367 | GUARDRAIL END TREATMENT TYPE 1 | 1.000 | EACH | | |
| 0150 | 02381 | REMOVE GUARDRAIL | 715.000 | LF | | |
| 0160 | 02429 | RIGHT-OF-WAY MONUMENT TYPE 1 | 10.000 | EACH | | |
| 0170 | 02432 | WITNESS POST | 10.000 | EACH | | |
| 0180 | 02483 | CHANNEL LINING CLASS II | 28.000 | TON | | |
| 0190 | 02545 | CLEARING AND GRUBBING (0.70 ACRES) | (1.00) | LS | | |

CONTRACT ID: 121309
COUNTY: JESSAMINE
PROPOSAL: STPM 5191 (005)

PAGE: 2
LETTING: 05/18/12
CALL NO: 103

| LINE NO | ITEM | DESCRIPTION | APPROXIMATE QUANTITY | UNIT | UNIT PRICE | AMOUNT |
|---------|------------|-------------------------------|----------------------|------|------------|--------|
| 0200 | 02562 | SIGNS | 268.000 | SQFT | | |
| 0210 | 02599 | FABRIC-GEOTEXTILE TYPE IV | 1,110.000 | SQYD | | |
| 0220 | 02650 | MAINTAIN & CONTROL TRAFFIC | (1.00) | LS | | |
| 0230 | 02701 | TEMP SILT FENCE | 550.000 | LF | | |
| 0240 | 02703 | SILT TRAP TYPE A | 1.000 | EACH | | |
| 0250 | 02704 | SILT TRAP TYPE B | 1.000 | EACH | | |
| 0260 | 02705 | SILT TRAP TYPE C | 1.000 | EACH | | |
| 0270 | 02706 | CLEAN SILT TRAP TYPE A | 3.000 | EACH | | |
| 0280 | 02707 | CLEAN SILT TRAP TYPE B | 3.000 | EACH | | |
| 0290 | 02708 | CLEAN SILT TRAP TYPE C | 3.000 | EACH | | |
| 0300 | 02709 | CLEAN TEMP SILT FENCE | 1,650.000 | LF | | |
| 0310 | 02726 | STAKING | (1.00) | LS | | |
| 0320 | 02731 | REMOVE STRUCTURE | (1.00) | LS | | |
| 0330 | 05952 | TEMP MULCH | 3,392.000 | SQYD | | |
| 0340 | 05966 | TOPDRESSING FERTILIZER | 0.180 | TON | | |
| 0350 | 05985 | SEEDING AND PROTECTION | 3,392.000 | SQYD | | |
| 0360 | 06514 | PAVE STRIPING-PERM PAINT-4 IN | 2,200.000 | LF | | |
| 0370 | 08001 | STRUCTURE EXCAVATION-COMMON | 147.000 | CUYD | | |
| 0380 | 08100 | CONCRETE-CLASS A | 12.830 | CUYD | | |
| 0390 | 08150 | STEEL REINFORCEMENT | 796.000 | LB | | |
| 0400 | 20092ES611 | PRECAST CONCRETE BOX CULVERT | 60.000 | LF | | |

CONTRACT ID: 121309
COUNTY: JESSAMINE
PROPOSAL: STPM 5191 (005)

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| LINE NO | ITEM | DESCRIPTION | APPROXIMATE QUANTITY | UNIT | UNIT PRICE | AMOUNT |
|-----------------------------|-------|--|----------------------|------|------------|--------|
| 0410 | 02671 | PORTABLE CHANGEABLE MESSAGE SIGN (REVISED: 5-14-12) | 2.000 | EACH | | |
| SECTION 0003 DEMOBILIZATION | | | | | | |
| 0420 | 02569 | DEMOBILIZATION (AT LEAST 1.5%) | | LUMP | | |
| | | TOTAL BID | | | | |