

BITUMINOUS RESURFACING

Asphalt Mixture Component and Production Restrictions:

The use of reclaimed asphalt pavement (RAP) from Kentucky Department of Highways Projects, LFUCG projects, or other sources approved by the Director of Streets & Roads, is permitted. For other RAP sources to be approved, the contractor must satisfy the Director that the quality and consistency of the RAP is acceptable.

In order to be acceptable, the RAP shall be of consistent gradation, mineralogy and quality (soundness and wear) properties; and asphalt binder content and asphalt binder properties. RAP shall be limited to more than twenty percent (20%) of the weight of the mixture for surface mixes and twenty-five percent (25%) in base mixes.

Reclaimed asphalt shingles (RAS) are not permitted for use.

All surface and base mixes shall be produced using hot mix technology. Warm mix asphalt is not permitted.

TACK COAT:

Apply the tack coat with a spray bar that can be raised to a sufficient height so as to uniformly and completely coat the entire surface. When a uniform application, at the rate required, cannot be obtained from a spray bar, then apply the tack coat by fogging with a hand spray attachment.

The STREETS & ROADS Representative will only accept complete and uniform coverage. Unless otherwise specified in the requirements for the asphalt mixture being placed, apply tack at a rate to achieve an undiluted residue of 0.40 pounds (0.05 gallons) per square yard.

When furnishing RS-1 or CRS-1 for tack, apply them undiluted.

When furnishing SS-1, SS-1h, CSS-1, or CSS-1h for tack, the Division of STREETS & ROADS will allow diluted or undiluted application provided uniform and complete coverage is achieved. When applying tack in a diluted form, apply it a sufficient time in advance to ensure that all water has evaporated before placing the asphalt mixture.

On newly constructed base and binder courses, adjust the application rate as the STREETS & ROADS Representative directs.

When placing asphalt material adjacent to curbs, existing pavements, or other structures, first coat the contact surface of the existing structure with tack material.

If the initial application of any tack material is not uniform, apply additional material as directed at no additional expense to the Lexington-Fayette Urban County Government.

Remove asphalt material applied in excess of the requirements, or cover it with a blotter course of dry sand or stone chips as the STREETS & ROADS Representative directs.

On projects over which public traffic is being maintained, apply the tack coat over one-half of the pavement width, not to exceed one-half day's work, in advance of the construction of the asphalt cover course. Do not end the tack coat application at a location hazardous to traffic. Do not apply tack coat to a lane that requires overnight closure, unless the Streets & Roads Representative approves it in writing. Schedule the work so that at the end of the day's production all tack is covered with the asphalt mat or a sand blotter course. At road intersections or other traffic crossings, the STREETS & ROADS Representative may require the application of a sand blotter course over the tack coat.

When Sand for Blotter is included in the Contract as a bid item, cover the tack coat with surface-dry, natural sand in a minimum quantity sufficient to prevent the tack coat from being picked up by traffic. Apply the

sand uniformly at the rate the STREETS & ROADS Representative directs but not exceeding five pounds per square yard. The normal rate is two to three pounds per square yard.

Asphalt Material for Tack. STREETS & ROADS will not measure tack for payment and will consider it incidental to the asphalt courses.

BASE COURSE:

Where existing asphalt surface is removed and elsewhere when used as a leveling course, bituminous concrete, base course shall be used as directed by the Engineer. It may be hand raked or machine spread and rolled ahead of the surface course. The preparation of the materials for this course and the laying are to be in accordance with Division 400 of the KENTUCKY TRANSPORTATION CABINET, DEPARTMENT OF HIGHWAYS, FRANKFORT, STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, EDITION OF 2008.

SURFACE COURSE:

This shall be C.L.2 bituminous concrete Surface 0.38D PG64-22, one and one half (1 ½") inches thick, weighing approximately one hundred and sixty five (165) pounds per square yard or as directed by the Engineer. The preparation of the material for this course and the laying of this course shall be in accordance with the KENTUCKY TRANSPORTATION CABINET, DEPARTMENT OF HIGHWAYS, FRANKFORT, STANDARD SPECIFICATIONS AND FOR ROAD AND BRIDGE CONSTRUCTION, EDITION OF 2008, Section 403 and Section 404.

BITUMINOUS CONCRETE LEVELING AND WEDGING

The estimated quantity of bituminous concrete binder and or surface for wedging and leveling is to be distributed by grader over areas as directed by the Engineer. The unit price bid per ton for leveling and wedging shall include base repairs, edge patching and correction of other irregularities. All grader leveling and wedging shall be done as a separate operation from the surfacing and shall be completed before the normal paving operations are begun. All areas to be treated shall be thoroughly cleaned and tacked with the same type of tack material as specified in the contract. The bituminous mixture shall be spread satisfactorily with a motor patrol grader and thoroughly compacted by rolling.

BASE REMOVAL:

Where there is evidence of base failure and the STREETS & ROADS Representative orders the removal of the existing base, payment will be made at the unit price bid for milling per ton.

BASE CONCRETE:

Where there is base removal and new base installed, the new base shall have a minimum compressive strength of three thousand five hundred (3,500#) pounds per square inch.

RAISING MANHOLES:

Manholes shall be adjusted after resurfacing has been completed. The Contractor will spot the locations of manholes and the Contractor shall remove the frames and covers and adjust them to conform to within 1/8 of an inch of to the asphalt surface, replace the disturbed concrete base, and resurface the area around the frames and covers. The minimum width of pavement to be removed around manholes shall be six (6") inches. The cast iron frames and covers to be adjusted shall be removed and reset on a full course of concrete mortar. The use of wedges or other similar devices shall not be permitted. The entire area disturbed in the removal of the frame and cover shall be completely refilled with concrete to the required height around the frame to receive the bituminous material. The unit price bid for adjusting manholes, frames, and covers shall include all necessary labor, equipment, and materials necessary to replace the concrete base and bituminous concrete surface of disturbed areas around the manholes. Frames and covers, which, in the opinion of the Director of STREETS & ROADS are unsuitable for reinstallation will be replaced by other frames and covers supplied by the URBAN COUNTY GOVERNMENT for installation by the Contractor at the unit price bid. Before adjustment or replacement of any manhole frame is undertaken, the entire bottom of the manhole shall be covered solidly by use of lumber or heavy canvas, or both, or, by other methods fully as effective. The method to be used shall be approved by the Director of STREETS & ROADS. The protective covering shall remain in place until all mortar and concrete work has been completed. The Contractor shall promptly remove all bricks, mortar, and other waste materials dropped into manholes. Lifting rings, as manufactured by National Utility Products Company, 29355 Ranney Parkway, Cleveland, Ohio 44145, or equal, may be used on frames manufactured after 1960. The method to be used shall be approved by the Director of STREETS & ROADS or his representative.

THE MANHOLES SHALL BE RAISED TO THE GRADE OF THE NEW ASPHALT TO WITHIN 1/8 OF AN INCH OF, USING ONE (1) RING ONLY, IF THE LIFTING RING METHOD IS USED. IF THE MANHOLE HAS AN EXISTING RING IT SHALL NOT BE RAISED USING A RING, BUT THE OTHER METHOD WILL BE USED.

Manhole adjusting rings that are removed and not reused are the property of the URBAN COUNTY GOVERNMENT and shall be delivered to the STREETS & ROADS Maintenance Facility located at 1791 Old Frankfort Pike, Lexington, Kentucky.

All manholes that are covered with asphalt shall be marked by using I.D. Locator that is 3.5" sq x 4 1/4" High with adhesive backing.

The Contractor at no cost to the URBAN COUNTY GOVERNMENT will raise manholes of the type that have leveling screws unless the manhole has to be removed. In that case, the payment for the work will be at the unit price bid. The Division of STREETS & ROADS will provide the Contractor with the wrench to raise these manholes, along with the lock down tabs.

SIGNING:

The Contractor will provide proper "Signing" during resurfacing activities to provide proper safety to both vehicular traffic and pedestrians. This shall comply with the American Traffic Safety Services Association Guide for work area traffic control, Part VI of the Manual on Uniform Traffic Control Devices (MUTCD), (Current Edition).

"NO PARKING" SIGNS:

The Contractor must post "NO PARKING" signs twenty-four (24) hours in advance on streets or roads to be resurfaced or milled. This will require a safety officer's presence to witness the date and time of installation of the signs to insure that vehicles will be towed. It will be the Contractor's duty to notify and meet with the Police Department. In addition to posting "NO PARKING" signs, Contractor will leave a "notice of work to be performed" at each residence and on vehicles parked on the street at the same time the "NO PARKING" signs are posted. The Division of STREETS & ROADS will furnish the notices and "NO PARKING" signs. No additional payment will be made for this procedure. The contractor must remove all posted "No Parking" signs on Friday if they will not be able to complete the street(s) unless they are working on Saturday or Sunday.

SAFETY VESTS:

All members of the paving crew that are on the ground shall wear a type of safety vest that has been approved by KOSH or OSHA.

WEEKEND WORK:

There shall be no work on Saturdays or Sundays unless given forty-eight (48) hours written notice to the Director of STREETS & ROADS.

PERMIT:

The contractor must obtain a permit for resurfacing forty-eight (48) working hours in advance from the Division of Traffic Engineering of the Lexington-Fayette Urban County Government, 101 E. Vine St., Lexington, Kentucky prior to resurfacing each particular street. Saturdays and Sundays are not considered normal working days. For work to be done on Monday, a permit must be obtained no later than the previous Thursday by 9:00 a.m. For work to be done on:

Tuesday, a permit must be obtained no later than the previous Friday by 9:00 a.m.

Wednesday, a permit must be obtained no later than the previous Monday by 9:00 a.m.

Thursday, a permit must be obtained no later than the previous Tuesday by 9:00 a.m.

Friday, a permit must be obtained no later than the previous Wednesday by 9:00 a.m.

SPECIAL PROVISION FOR RUMBLE STRIPS

Contractor will install rumble strips on the edge of the road in conjunction with the paving operation.

Time the rolling operation so indentations are at the specified size and depth without causing unacceptable displacement of the asphalt mat. Correct unacceptable rolled in rumble strips by sawing.

No rumble strips will be required if the section of roadway has a rolled curb, boxed curb, or header curb.

Method of Payment:

No additional payment will be made for rumble strips as this shall be considered as incidental to the asphalt mixture.

SPECIAL PROVISION FOR ROLLING AND SHAPING

This work shall consist of shaping the gravel base as necessary to produce a uniform appearance and rolling to ensure compaction of the gravel base prior to the construction of a base course.

Basis of Payment

<u>Pay Item</u>	<u>Pay Unit</u>
Rolling and Shaping	Lump Sum

SPECIAL PROVISION FOR TREE DAMAGE

Description
Pruning
Basis of Payment

Description:

EXTREME CARE shall be used to avoid damage to any trees during the resurfacing contract.

Trees that are damaged shall be pruned to minimize any harmful effects.

Pruning:

All damaged branches shall be cut with a slanting cut just above a live and healthy bud whenever possible.

All ends of broken and damaged branches shall be removed with a clean cut made flush with a parent timber trunk.

Care shall be taken in pruning to preserve the natural character of the tree.

All cut surfaces over 3/4 inch/19 mm in diameter shall be painted with an approved tree paint.

Basis of Payment:

The work necessary to maintain the trees will be considered incidental to the resurfacing contract and no separate payment shall be made for such.

SPECIAL PROVISION FOR EDGE KEYS

Description
Construction
Measurement and Payment

Description

Edge keys to be either longitudinal or transverse. Shall be used only at the direction of the Division of STREETS & ROADS representative.

Construction

Edge keys to be neat and straight on all edges. Depth of key will be the same as the thickness of the bituminous course to be laid. Width shall be enough to allow a smooth transition, but in no case should be less than 18" (eighteen inches)/0.4575 m, nor more than 36" (thirty-six inches)/0.915 m before laying new bituminous courses. All edge keys shall be cleaned of dust and debris and sprayed with a bituminous tack coat.

Measurement and Payment

Edge keys shall be measured by linear foot. Payment will be by linear foot or meter and prices shall be full compensation for furnishing, hauling, labor, equipment, tools, and all incidentals necessary to complete this work.

Basis of Payment

<u>Pay Item</u>	<u>Pay Unit</u>
Edge Key	Linear foot or meter

SPECIAL PROVISION FOR ASPHALT CURB – 6" HIGH

Description: Construct asphalt curbs 6" high and a constant width either by hand or machine.

Materials and Equipment:

Asphalt Materials: For tack and paint coats use:

SS-1H
SS-1
C SS-1
C SS-1H
AE-60
RS-1 or
C RS-1

Asphalt Mixture: Use:

PG64-22 or
58-22

Aggregate: Use a gradation within the master range in the following table:

<u>Sieve Size</u>	<u>Percent Passing</u>
12.5 mm	100%
4.75 mm	60 – 80%

2.36 mm
300 µm
75 µm

45 – 65%
13 – 25%
6 – 12%

Use an asphalt binder with content between 6 to 8 percent by weight of the mixture. When using a porous aggregate, increase the asphalt content as needed to compensate for asphalt absorption by the aggregate. May also use Class "I" surface if installed at the same time as paving the street.

Machine:

Furnish a self-propelled machine for placing asphalt curb. Ensure that it is equipped with a material hopper, a distributing screw, and adjustable forming devices and capable of placing and compacting the asphalt mixture in a smooth section free of honeycomb areas.

Construction:

The surface should be cleaned where the curb is to be placed. Apply tack at a rate to achieve a residue of approximately 0.05 gallons per square yard of undiluted material. Allow the tack material to cure before covering it.

Apply an asphalt paint coat to the curb after construction.

Asphalt Curb:

Quantities will be measured in linear feet along the top of the curb. Tack and paint coats will not be measured for payment but will be considered incidental to this item of work.

Payment:

Payment will be made for the completed and accepted quantities under the following:

<u>Pay Item</u>	<u>Pay Unit</u>
Asphalt Curb 6"	Linear Foot

Payment will be full compensation for all work required under Asphalt Curb 6".

BITUMINOUS PAVEMENT MILLING AND TEXTURING

This Special Provision shall apply when indicated in the proposal.

Description

This work shall consist of improving the profile, cross section, and surface texture of an existing bituminous pavement, and shall include all labor, materials, equipment, and incidentals necessary to complete the work, including disposal of all resultant cuttings.

Construction Requirements

Equipment

The equipment for milling and texturing the pavement shall be a power-operated, self-propelled planing machine or grinder capable of removing bituminous concrete to the required depth, profile, cross slope, and surface texture. The machine shall be capable of accurately establishing profile grades by referencing from either the existing pavement or from an independent grade control, and shall have positive means for

controlling cross slope. The machine shall have a floating moldboard with sufficient down pressure to plane the milled surface. The machine shall have an effective means of removing cuttings from the pavement and for preventing dust from escaping into the air.

The textured pavement shall be thoroughly swept immediately behind the machine and all materials swept up shall be loaded and hauled away. A water truck shall be furnished and used to control dust from the work, when deemed necessary by the Director of STREETS & ROADS or his representative.

Supplemental equipment shall be provided as necessary to remove material adjacent to curbs, railroad crossings, and other areas that cannot be removed by the milling machine.

Milling and Texturing

- (1) General – After milling and texturing, the finished surface shall provide a smooth riding surface free from gouges, ridges, oil film, and other imperfections of workmanship, having a uniform texture, and true to the required grade and cross section. The elevation of the longitudinal edges of adjacent cuts shall not be more than 1/8 inch/4 mm. When practical, vertical longitudinal faces shall not be left during non-working hours in areas exposed to public traffic. When it is necessary to expose public traffic to vertical longitudinal faces, the faces shall be no more than 1 ¼ inches/30 mm in height and shall be tapered in a manner approved by the STREETS & ROADS representative to avoid creating a hazard for traffic.
- (2) When directed by the STREETS & ROADS representative a partial Milling and Texturing technique will be used. In this method the area to be milled and textured will be six feet (6') wide starting one inch (1") deep starting at the curb line and tapering to zero (0) six feet from the curb.

Where sound pavement has been gouged, torn, or otherwise damaged during the milling operations, or damage is done to any other property of any kind including utility frames, grates, covers, curbs, driveways or sidewalks, repairs shall be made by the CONTRACTOR at no cost to the Lexington-Fayette Urban County Government.

- (3) Cut more than 1-inch– Where a cut deeper than 1-inch required. The depth of the cut shall be determined by the Streets & Roads Representative. The cut shall be measured at the edge of the cutting drum. Each cut shall be completed over the entire length and width of the area; the next cut shall not be started until the area has been examined by the STREETS & ROADS representative and the representative determines that additional cutting is necessary or desirable.

The depth of cut indicated in the Contract is approximate only. The STREETS & ROADS representative on the project will determine the actual depth of cut.

- (4) Texture – The texture shall be uniform throughout the project and shall provide, in the judgment of the STREETS & ROADS representative, a satisfactory riding surface.
- (5) Surface Tolerance – The finished surface after the final cut shall not show a deviation greater than 1/8 inch/4 mm from a 10-foot/3 meter straightedge, and the cross slope shall not deviate more than 3/8 inch/10 mm in 10 feet/3 meters. All irregularities exceeding these limits shall be corrected.
- (6) Approaches and Tapers – Approaches and tapers shall be acceptably textured when required by the STREETS & ROADS representative. The STREETS & ROADS representative will determine length, width, and depth of cut on approaches and tapers. The approaches and tapers shall match the finished cut on the main line and shall be transitioned to the existing surface to with +/- 1/8 inch/4 mm.
- (7) Hauling – Unless otherwise specified, the cuttings shall be delivered to the Lexington-Fayette Urban County Government, STREETS & ROADS Maintenance Facility at 675 Byrd Thurman Drive and/or 1313 ½ Old Frankfort Pike. The STREETS & ROADS representative will make the site determination on site of the milling. STREETS & ROADS will be responsible for stockpiling the material at both locations.

- (8) Milled Streets – all milled streets **must** have a scratch coat or be resurfaced within 48 hours of being milled. No street will be left milled over a weekend or a holiday period.
- (9) Manholes – Any manholes that are higher than the milled surface shall be covered using a manhole protector to provide safety to vehicles or by using asphalt to provide a smooth transition over the manhole. **In no case shall the manhole be left exposed.**

Adjusting Small Drainage Structures

The CONTRACTOR shall keep all small drainage structures, utility valves, etc. free of cuttings and other debris during the milling operation.

Method of Measurement

Bituminous Pavement Milling and Texturing – The material removed from areas acceptably milled and textured will be measured in tons.

The CONTRACTOR will make all necessary arrangements to have material weighed and verified to be correct as to tons hauled. No additional payment will be made for this.

Water used to control dust will not be measured for separate payment but will be considered incidental to the milling and texturing.

Basis of Payment

Bituminous Pavement Milling and Texturing – The accepted quantity of Bituminous Pavement Milling and Texturing will be paid for at the contract unit price per ton, which payment will be full compensation for all labor, materials, equipment, and incidentals necessary to mill and texture the pavement, and control dust. When the Contract does not include a separate bid item for Hauling Cuttings, then payment for Bituminous Pavement Milling and Texturing shall also include full compensation for all hauling necessary to deliver the cuttings.

Payments will be made under:

<u>Pay Items</u>	<u>Pay Unit</u>
Milling and Texturing - Full Pavement	Ton
Milling and Texturing – Partial Pavement	Ton

SPECIAL PROVISION FOR POLYPROPYLENE FIBER – REINFORCED BITUMINOUS CONCRETE MIXTURES

Description

This work shall consist of furnishing all materials and placement of fiber-reinforced bituminous concrete courses.

This work is intended to provide bituminous material having increased rutting resistance. **SPECIAL ATTENTION** shall be given to all aspects of the work to ensure that only high quality materials, equipment, and workmanship are utilized at all times.

Materials

- A. FIBERS – The fibers for reinforcement of bituminous mixtures shall be polypropylene, and be specifically manufactured for use in bituminous concrete mixes. The job mix shall include a minimum of 6 pounds of fibers per ton of mix. The fibers shall have a uniform singular shape, a uniform singular color, and the manufacturer shall provide documentation or certification that the following properties are met:

Material:	Polypropylene
Denier per filament:	4 +/- 1
Length:	10 +/- 2mm
Crimps:	None
Tensile Strength:	40,000 psi, minimum
Melting Point:	290 degrees F, minimum
Asphalt Retention:	35x @ 280 degrees F
Elongation:	100% minimum
Specific Gravity:	0.91
Alkali Resistance: (HCl solution at 70 degrees F)	100% Strength Retained
Shrink Test:	0% at 295 degrees F
Acid Resistance (HCl solution at 70 degrees F)	100% Strength Retained
Asphalt Affinity Test:	Equal to or more than 7.0 lbs.
Moisture Regain at (70 degrees F + 50% RH)	Less than 0.1%
U.V. Stability:	Min. 50% greater than natural
Glass Transition Temperature:*	-18 C (0 F)

*GTT is the temperature at which a fiber loses its flexibility and becomes brittle; therefore, it would tend to easily break, and as in the case of asphalt reinforcement, would lose its value.

- B. MIXTURE REQUIREMENTS – The bitumen content shall be increased (normally 0.3%) to account for the added surface area taken up by the fiber.

The polypropylene fibers shall be added to the mix at the rate of six pounds per ton of mix.

1. At least two weeks prior to the start of asphalt concrete production, the manufacturer of the fiber shall furnish the following information and samples to the Division of STREETS & ROADS:
 - a. Certified test data for the fibers
 - b. A 10 foot uncut sample (tow) of the fiber

STREETS & ROADS will use this information from testing to determine the acceptability of the fibers.

2. The CONTRACTOR will obtain a random 0.5-pound sample of the finished fibers for each 25,000 pounds of fiber to be used on the project and these samples will be test to assure consistency of quality.

- C. MIXING – Prior to the start of full production, the CONTRACTOR shall produce a test batch of fiber asphalt concrete to demonstrate to STREETS & ROADS how the fibers will be introduced and mixed into the asphalt concrete. The Director will determine the acceptability of the fiber asphalt concrete mixture at this time. If during production, the CONTRACTOR starts producing an unsatisfactory mix, production shall cease until the CONTRACTOR can produce a satisfactory test batch as described above.

When a batch type plant is used, the fibers shall be added as per the manufacturer's recommendation to the heated aggregate prior to introduction of the asphalt cement. The aggregate and fibers shall be mixed for minimum of 20 (twenty) seconds after introduction of the fibers. Mixing time may be increased if satisfactory results are not obtained.

When a drum mix type plant is used, the fibers shall be introduced into the aggregates by the reclaimed material feed system or by an adjustable pipe near the bitumen feed pipe.

The CONTRACTOR shall provide suitable means to calibrate and check the rate and quantity of fibers being added. Such checks will be performed when deemed necessary by STREETS & ROADS.

The manufacturer's technical representative of the polypropylene fiber shall be available during the initial start up. If the Streets & Roads Representative requests.

- D. MIXTURE CONTROL – Mixture temperature control is critical. The fiber mixture must not be overheated. The maximum temperature of the aggregate shall not exceed 290 degrees F. The asphalt cement temperature shall not exceed 300 degrees F. The temperature of the finished mixture shall not exceed 290 degrees F. Mixture found to have been heated above 290 degrees F may be rejected. Any mixture found at such temperature shall be evaluated. If placed, the resulting pavement may be required to be removed and replaced, left in place with suitable price adjustment, etc. The lay down temperature of the fiber mix will be no higher than 290 degrees F nor lower than 260 degrees F.
- E. CERTIFICATION OF UTILIZATION – The CONTRACTORS CERTIFICATION OF UTILITIZATION OF BITUMINOUS MIXTURE MODIFIERS form shall be completed and submitted as indicated on the form.
- F. METHOD OF MEASUREMENT – Measurement of the bituminous concrete mixture, including the fibers, will be by the ton.
- G. BASIS OF PAYMENT – Payment for the accepted quantity of the bituminous mixture specified at the contract unit price shall be full compensation for all work and materials necessary to furnish and place the mixture including the fibers, and including any special equipment or extra labor necessary, any special mixing, placing, or compacting procedures and all incidentals associated with construction of the fiber reinforced pavement.

TRAFFIC MARKINGS

Contractor shall be responsible for replacing the lane markings. Temporary and/or permanent markings shall be maintained at all times. Markings shall meet the Kentucky Transportation Cabinet Standard Specifications.

PAY ITEM	PAY UNIT
6" Asphalt Milling and Texturing	Ton
4" C 4 Base 1.0D, PG 76-22	Ton
2" C 4 Surface 0.38D, PG 76-22	Ton

PAVEMENT MARKING

DESCRIPTION:

This special note covers requirements for pavement markings to be furnished and applied by the Contractor.

Special markings, such as crosswalks and railroad crossings, are required unless otherwise specified.

Section references herein are to the Department's Standard Specifications for Road and Bridge CONSTRUCTION, EDITION OF 2008.

PAVEMENT STRIPING:

A. Criteria for Use

1. If there are no centerline pavement markings on the existing pavement at the time the project is advertised for bids, no markings will be required, unless otherwise specified.
2. Pavement markings shall be applied when any course of a new pavement is driven over by the public, or on each course constructed on resurfacing projects including patching, milling, leveling, and wedging courses, except when existing centerline markings have not been obscured and are plainly visible. Pavement marking material for centerlines and lane lines shall be installed on the top course constructed every day before sunset that day unless otherwise indicated in the plans or proposal. The installation of

edge line markings may be deferred until all shoulder paving is complete. When rain or other unavoidable occurrences prevent marking before sunset, it shall be done as soon as conditions permit during daylight hours.

3. On resurfacing, pavement restoration, and pavement rehabilitation projects, pavement markings on courses to be overlaid shall consist of centerline and lane line markings. No-passing zones will be located as outlined in Section E, Records. Markings on the final surface course shall include edge line markings if they were in place on the existing pavement at the time the project was advertised for bids. On all other projects, the markings to be placed will be as specified in the contract or as otherwise designated by the STREETS & ROADS Representative. Centerline markings, those separating traffic moving in opposite directions, shall be yellow in color. Lane line markings, those separating traffic moving in the same direction, shall be white in color. These markings shall be skip lines and solid lines as required by Part III of the Manual on Uniform Traffic Control Devices (MUTCD). Skip lines shall meet requirements of Paragraph II.C.5 herein. Edge lines shall be solid lines and the color shall be determined by Part III of the MUTCD.

4. Final markings, as described above, shall be applied to Portland Cement concrete pavement before opening the highway to the public.

B. Materials

Materials for striping may be paint with glass beads.

The paint must generally comply with specifications for Type III Chlorinated Rubber-Alkyd type paint, as described in Federal Specifications TT-P-115E, with the following exceptions:

- (1) The weight per gallon must exceed 12.00 lbs.
- (2) Drying time must not exceed one minute to touch nor five minutes to no pick up when applied at 120 degrees F.
- (3) The viscosity at 77 degrees F must be 75-90 Krebs Units.
- (4) The percent of pigment by weight must be 45-55 percent.
materials noted below, in excess of the minimum weight in pounds per gallon of paint:
- (5) Composition of the pigment must include a portion of the following

	<u>White</u>	<u>Yellow</u>
Titanium Dioxide	1.00	0.25
Magnesium Silicate	2.20	2.20
Zinc Oxide	0.25	0.25
Calcium Carbonate	2.20	2.00
Chrome Yellow	0	1.00

- (6) Composition of the vehicle must include a portion of the following materials noted below, in excess of the minimum weight of pounds per gallon of paint:

	<u>White</u>	<u>Yellow</u>
Alkyd Resin Solution	1.00	1.00
Chlorinated Rubber	1.00	1.00
Chlorinated Paraffin	0.75	0.75
Methyl Ethyl Ketone	2.00	1.75
Toluene	0.25	0.25

Xylene

0.3

0.3

- (7) The vehicle must include trace amounts, to exceed 0.01 pounds per gallon of paint, of lead drier, cobalt drier and anti-skinning agent.
- (8) All bids should include documentation of actual chemical composition and reference to governmental agencies and specifications whereby the materials bid are successfully being used. The Lexington-Fayette Urban County Government reserves the right to reject delivered materials if a laboratory examination determines that the composition does not conform to the documentation included with the bid.

C. Application of Striping

1. Application and maintenance of pavement striping shall be as specified in Section 746.05. Paint shall be applied at a rate of not less than 38.8 liters per kilometer (16.5 gallons per mile) of solid 102-millimeter (4-inch) line and 58.3 liters per kilometer (24.8 gallons per mile) of solid 152-millimeter (6-inch) line. Glass beads shall be applied at a rate of not less than 0.6 kilograms per liter (5 pounds per gallon) of paint. Pavement striping shall be maintained throughout the duration of the project at no additional cost to the Lexington-Fayette Urban County Government.
2. All Pavement Striping (Temporary) shall be 102 millimeters (4 inches) in width.
3. The 102-millimeter (4-inch) lines shall have clean edges and shall not be less than 102 millimeters (4 inches) or more than 152 millimeters (6 inches) nor more than 203 millimeters (8 inches) in width. These tolerances may not apply when deviations are caused by undulation in the pavement surface.
4. The skip lines shall have stripe-to-gap ratio of 3-meter (10-foot) paint stripe to a 9.1-meter (30-foot) gap. The length of the stripe shall not be less than 3.0 meters (10 feet) nor longer than 3.2 meters (10 feet 6 inches). The stripe-gap cycle shall not be less than 12.0 meters (39 feet 6 inches) nor longer than 12.3 meters (40 feet 6 inches).

D. Application Equipment

1. The striper used for the markings on the final course must be self-propelled and capable of heating the paint to provide uniform flow and enhance quick drying of the paint.

This striper must have a guide boom or optical pointer in order to attain smooth and straight lines. The equipment must use air pressure or pump pressure to maintain proper paint pressure at all times. The equipment shall be capable of applying a single line or parallel lines of the specified width and in any combination of a skip line and a solid line in one pass.

2. The equipment shall be equipped with a paint cutoff device to provide clean, square marking ends of the paint lines.

F. Marking Removal

Any markings done in error or which do not conform to the traffic operation in use must be removed. Markings may be removed by either an abrasion or burning process to the satisfaction of the Lexington-Fayette Urban County Government. Painting of existing markings with bituminous or other material to obliterate the markings shall not be allowed.

MEASUREMENT AND PAYMENT:

Pavement striping will be measured by the linear foot. Measurement of pavement striping for payment will be made only once per course. Payment will be made under:

ITEM

UNIT

102-mm (4") Pavement Striping, (Temporary)	meter or linear foot
102-mm (4") Pavement Striping, (Permanent)	meter or linear foot
152-mm (6") Pavement Striping, (Temporary)	meter or linear foot
152-mm (6") Pavement Striping, (Permanent)	meter or linear foot

MAINTENANCE AND PROTECTION:

All foreign materials shall be removed from the surface of each course before rolling or before placing the following covering courses.

The Contractor shall provide necessary flagmen, barricades, warning signs, and flashing arrows when required, to protect all sections of newly compacted base, binder, and surfaces from traffic until each has hardened sufficiently to bear traffic without undue distortion, and to provide for public convenience and safety as specified in Section 107 of KENTUCKY DEPARTMENT OF HIGHWAYS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, EDITION OF 2008.

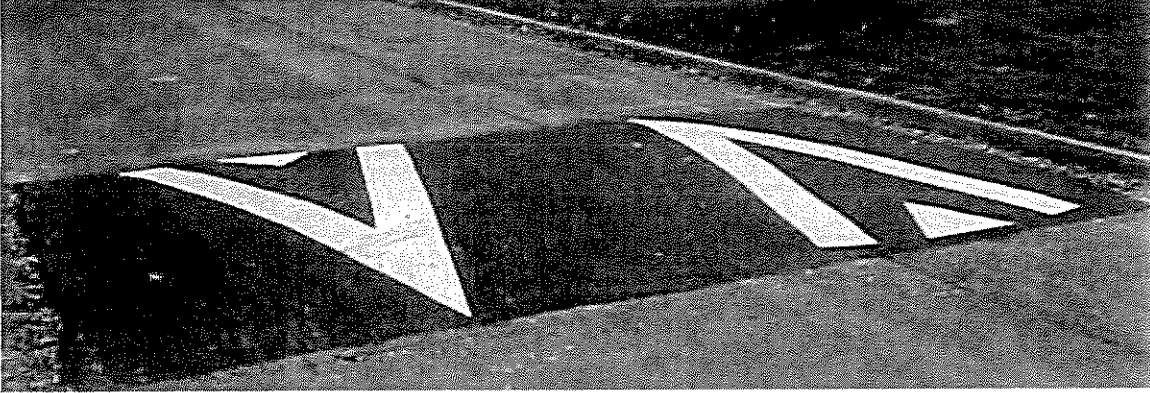
Asphalt Speed Hump Bid Specifications for Price Contract

Prepared by the Lexington-Fayette Urban County Government Division of Traffic Engineering

January 9, 2009

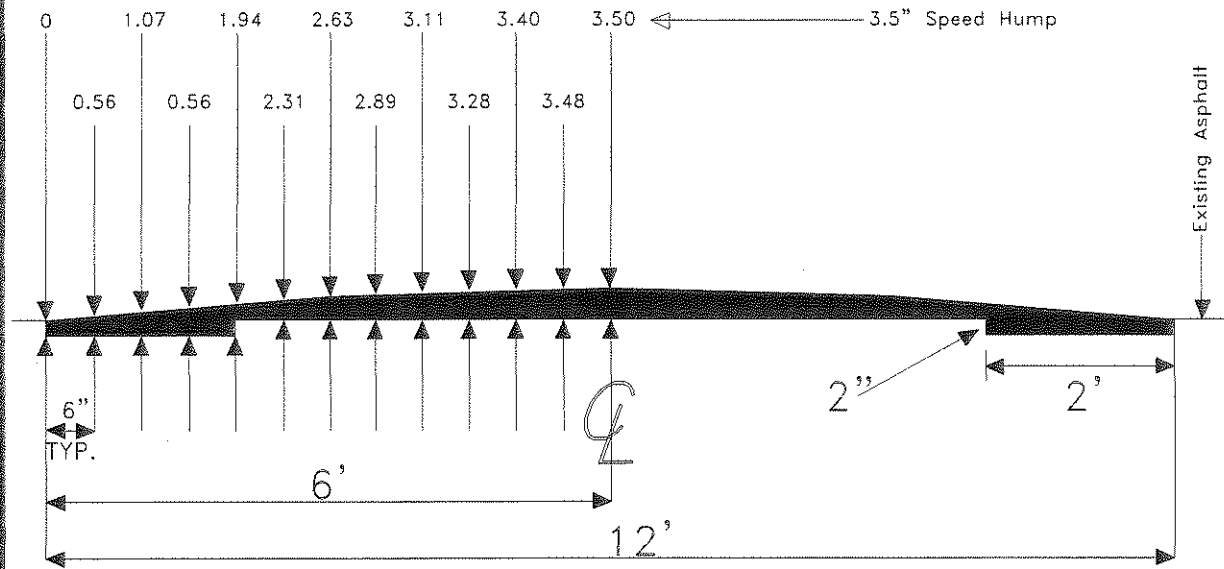
- The contractor will provide all labor, materials and installation equipment. Materials and workmanship are to meet LFUCG standards.
- Asphalt speed humps are to be constructed to LFUCG and *Institute of Transportation Engineers (ITE)* standard cross-sections and are to be 12' in length along the roadway. Asphalt speed humps are to be constructed as shown on the attached schematic and are to be referenced as 3.5" speed humps. (See Speed Hump Cross Section – page 2)
- It is strongly recommended that the successful contractor construct a template that can be used to insure that the proper cross-sectional tolerances are met. The LFUCG will utilize a template to verify that the cross-section meets LFUCG standards. The LFUCG Division of Traffic Engineering will inspect each hump after it has been completed to insure that proper tolerances are met and that the desired cross-section is constructed.
- A 2"x24" key is to be milled at each end of the speed hump to lock the speed hump into the existing asphalt roadway.
- Tack coat is to be applied at each speed hump location to insure proper bond of the new surface to the old surface.
- Old surface and keyed area to be thoroughly cleaned prior to new asphalt placement.
- Asphalt speed humps installed on roadways with no curb and gutter are to be constructed with uniform cross-section to the end of the pavement edge.
- Asphalt speed humps installed on roadways with curb and gutter are to be installed to the edge of the gutter pan and are to be tapered to the gutter pan starting 12" from the end of the speed hump (edge of the gutter pan).
- 12" wide hot melt pavement markings are to be applied to each speed hump and are to meet LFUCG Division of Traffic Engineering requirements. (See attached *MUTCD 2003 Edition* striping layout schematic and bid specifications – pages 3-5). **Markings are to be installed as soon as possible after the speed humps are in place.**
- **The contractor has 20 working days from the date of notification to complete the installation.**
- The contractor is to notify the Division of Traffic Engineering of the scheduled installation date and must obtain the necessary permits to perform the work including but not limited to a Lane Blockage Permit from the Division of Traffic Engineering.

- The Division of Traffic Engineering reserves the right to have an inspector on site to insure that proper procedures are being followed and the speed hump installation meets LFUCG standards.

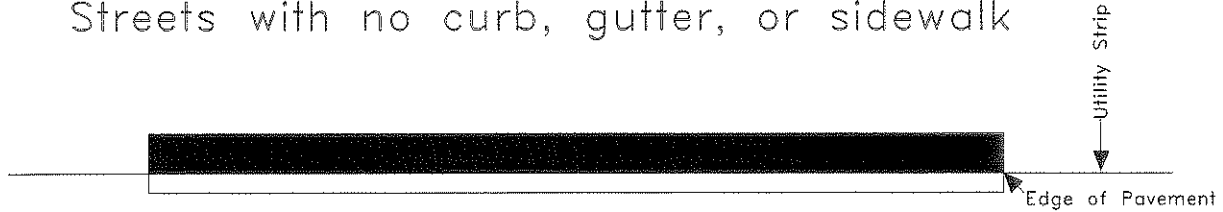


SPEED HUMP CROSS-SECTION

Speed Hump cross-section along street



Streets with no curb, gutter, or sidewalk



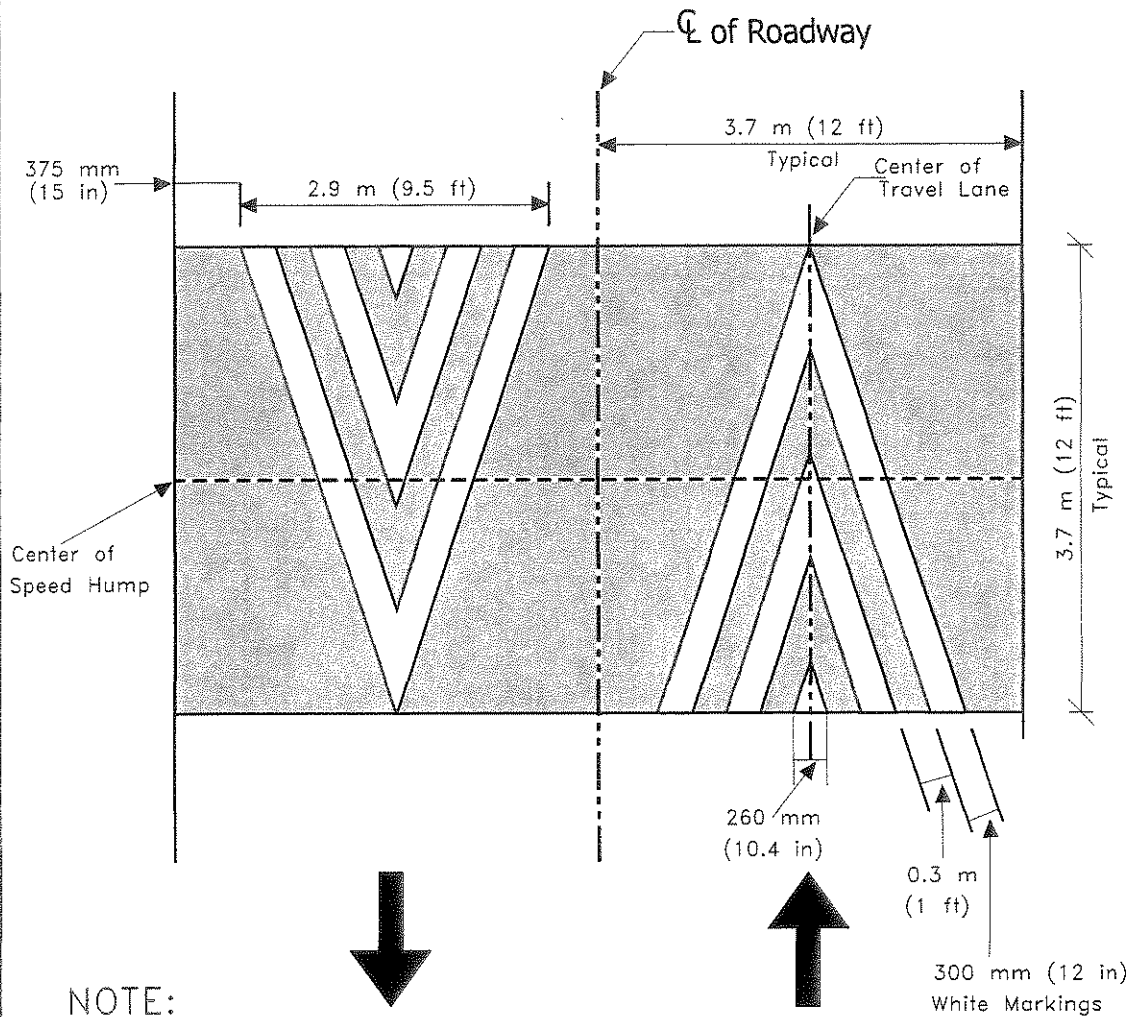
Streets with curb, gutter, and sidewalk



Notes:

1. A 2'X2" key is to be milled at each end of the hump.
2. Tack coat is to be applied at each speed hump location.

SPEED HUMP STRIPING



NOTE:

12" WIDE HOT MELT MARKINGS ARE TO BE USED ON EACH SPEED HUMP AND ARE TO MEET LFUCG DIVISION OF TRAFFIC ENGINEERING REQUIREMENTS.

Striping Specifications

HOT MELT MARKINGS SPECIFICATIONS

1. GENERAL :

It is the intent and purpose of this specification to describe and/or define preformed thermoplastic retroreflective pavement markings designed for use as stop bars, crosswalks, arrows, legends, etc. in highway road markings.

The Lexington-Fayette Urban County Government, Division of Traffic Engineering reserves the right to reject any and all materials or to waive portions of these specifications.

- 1.1 The material must be resilient white or yellow (and other colors as required) thermoplastic product with uniformly distributed glass beads throughout the material. The material must be resistant to the effects of motor fuels, lubricants, hydraulic fluids, etc. All material must be capable of being affixed to bituminous and/or concrete pavements by the use of the normal heat of a propane torch.
- 1.2 The markings must be capable of conforming to pavement contours, breaks, and faults through the action of traffic at normal pavement temperatures. The markings shall have resealing characteristics, such that it is capable of fusing with itself and previously applied thermoplastic when heated with the propane torch.
- 1.3 The material must be able to be applied in temperatures down to 32 degrees F., with no other minimum road or air temperature. No special storage, preheating or treatment of the material or special heating of the road surface other than normal removal of wetness of the highway surface shall be required.

2. MATERIAL :

Must be composed of an ester modified rosin resistant to degradation by motor fuels, lubricants etc. in conjunction with aggregates, pigments, binders, glass beads with have been factory produced as a finished product, and meets the requirements of the current edition of the Manual on Uniform Traffic Control Devices for Streets and Highways. The thermoplastic material must conform to AASHTO designation M249-79 (86), with exceptions due to the material being supplied in a preformed state.

- 2.1 The material must contain a minimum of thirty percent-intermixed graded glass beads by weight. The intermixed beads shall be clear and transparent.
- 2.2 The material must have factory applied coated surface beads (unless stated otherwise) in addition to the intermixed beads at a rate of 1 pound (+/- 10%) per 11 square feet.

3. PIGMENTS:

- 3.1 White - Sufficient titanium dioxide pigment is to be used to ensure a color similar to Federal Highway White, Color No. 17886, as per Federal Standard 595.

Striping Specifications

- 3.2 Yellow - Sufficient yellow pigment is to be used to ensure a color similar to Federal Highway Yellow, Color No. 13655, as per Federal Standard 595. The yellow pigment must contain no lead chromate.
4. **HEATING INDICATORS:**
The top surface of the material shall have regularly spaced indents that shall act as an indicator system for the operator to properly gauge the correct amount of heat to apply during installation. The indents shall work by closing together to show that the material has reached a molten state.
5. **SKID RESISTANCE:**
The surface, with properly applied and embedded surface beads, must provide a resistance value of 45 BPN to 55 BPN when tested according to ASTM: E303.
If available, substitution of a "High Skid" (or equivalent) resistant pavement marking material may be requested at no additional charge.
6. **THICKNESS:**
The material must be installed at a minimum thickness of 125 mils (3.155 mm), unless otherwise stated.
7. **ENVIRONMENTAL RESISTANCE:**
The material must be resistant to deterioration due to exposure to sunlight, water, salt, or adverse weather conditions and impervious to oil and gasoline.
8. **APPLICATION:**
- 8.1 Asphalt - The material shall be applied using the propane torch method. The material must be able to be applied at ambient and road temperatures down to 32 degrees F. without any preheating of the pavement to a specific temperature.
- 8.2 Concrete - The same application procedure shall be used as for asphalt, however, a compatible primer sealer may be applied before application to assure proper adhesion.

In addition to requirements listed above, all materials will comply with the requirements and/or specifications and testing as listed in the "Standard Specifications For Road and Bridge Construction, Edition of 2000" (or later) as published by the Kentucky Transportation Cabinet/Department of Highways.

Dated: January, 2001

Asphalt Speed Table Bid Specifications for Price Contract

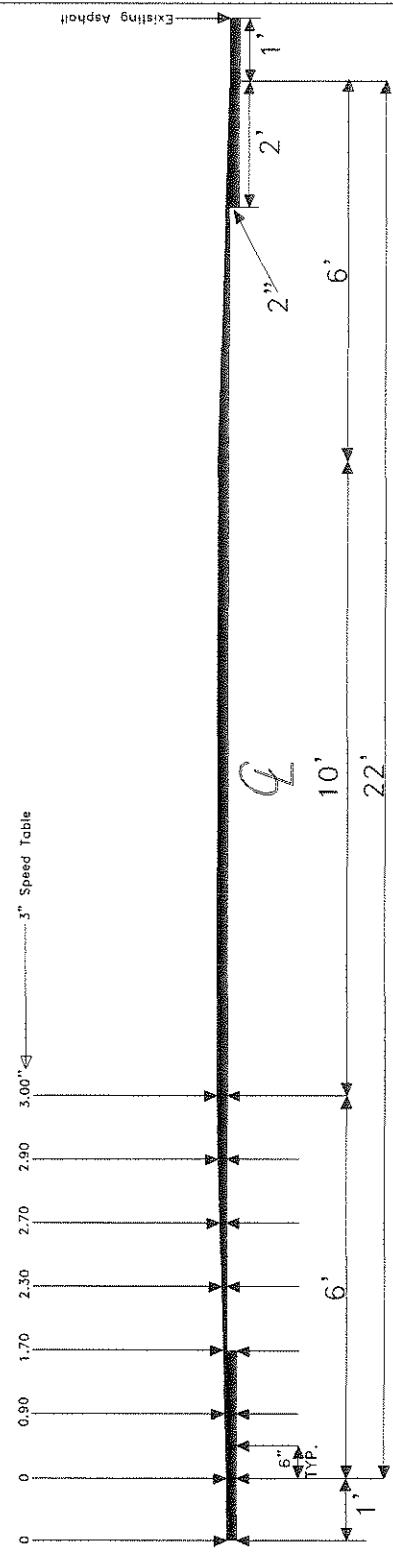
Prepared by the Lexington-Fayette Urban County Government Division of Traffic Engineering

January 9, 2009

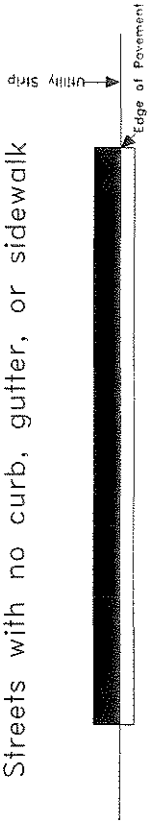
- The contractor will provide all labor, materials and installation equipment. Materials and workmanship are to meet LFUCG standards.
- Asphalt speed tables are to be constructed to LFUCG and *Institute of Transportation Engineers (ITE)* standard cross-sections and are to be 22' in length along the roadway. Asphalt speed tables are to be constructed as shown on the attached schematic and are to be referenced as 3" speed tables. (See Speed Table Cross Section - page 2)
- It is strongly recommended that the successful contractor construct a template that can be used to insure that the proper cross-sectional tolerances are met. The LFUCG will utilize a template to verify that the cross-section meets LFUCG standards. The LFUCG Division of Traffic Engineering will inspect each table after it has been completed to insure that proper tolerances are met and that the desired cross-section is constructed.
- A 2"x36" key is to be milled at each end of the speed hump to lock the speed table into the existing asphalt roadway.
- Tack coat is to be applied at each speed table location to insure proper bond of the new surface to the old surface.
- Old surface and keyed area to be thoroughly cleaned prior to new asphalt placement.
- Asphalt speed tables installed on roadways with no curb and gutter are to be constructed with uniform cross-section to the end of the pavement edge.
- Asphalt speed tables installed on roadways with curb and gutter are to be installed to the edge of the gutter pan and are to be tapered to the gutter pan starting 12" from the end of the speed hump (edge of the gutter pan).
- 12" wide hot melt pavement markings are to be applied to each speed table and are to meet LFUCG Division of Traffic Engineering requirements. (See attached *MUTCD 2003 Edition* striping layout schematic and bid specifications - pages 3-6). **Markings are to be installed as soon as possible after the speed tables are in place.**
- **The contractor has 20 working days from the date of notification to complete the installation.**
- The contractor is to notify the Division of Traffic Engineering of the scheduled installation date and must obtain the necessary permits to perform the work including but not limited to a Lane Blockage Permit from the Division of Traffic Engineering.
- The Division of Traffic Engineering reserves the right to have an inspector on site to insure that proper procedures are being followed and the speed table installation meets LFUCG standards.

22' SPEED TABLE CROSS-SECTION

Speed Table cross-section along street



Streets with no curb, gutter, or sidewalk



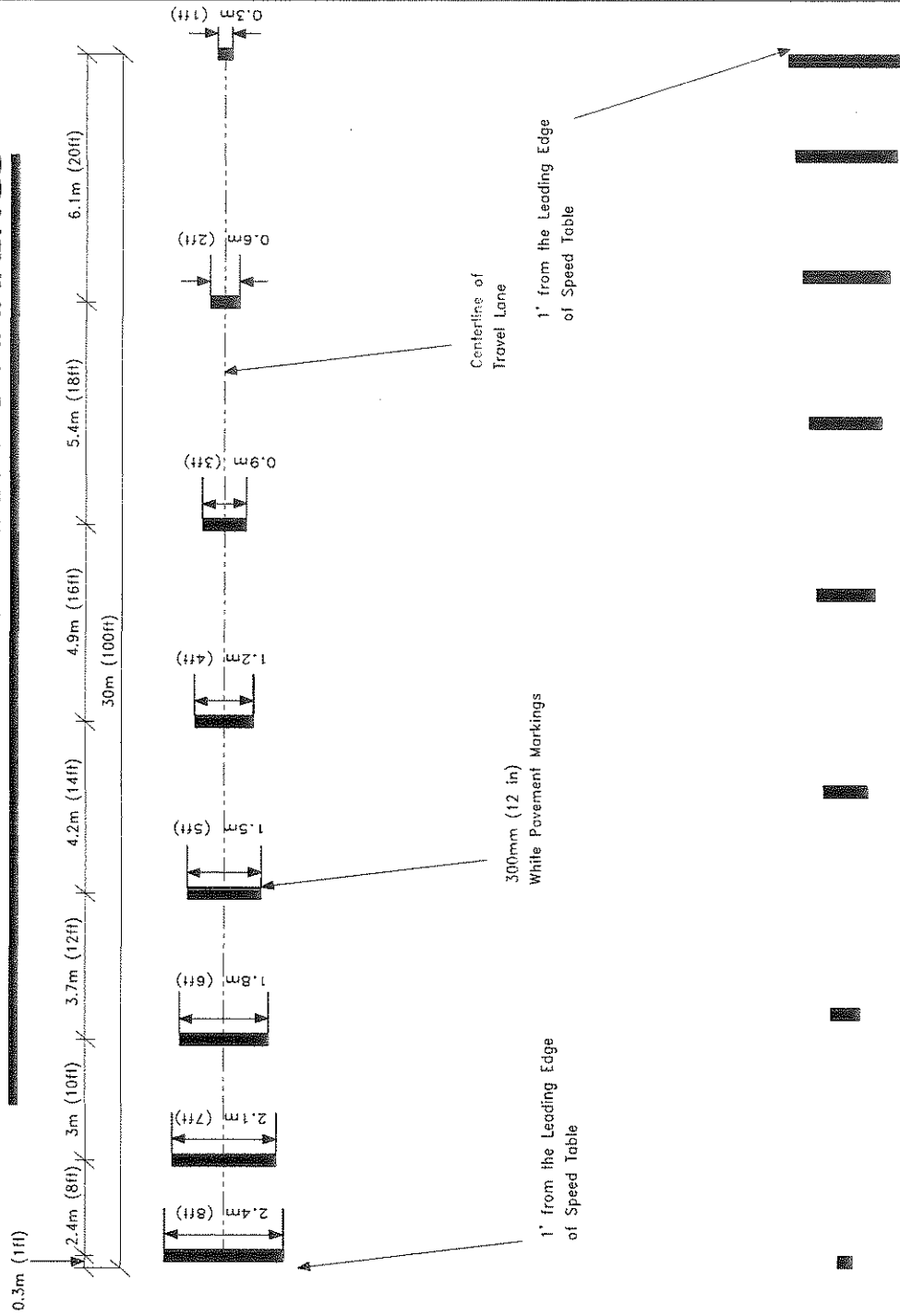
Streets with curb, gutter, and sidewalk



Notes:

1. A 2"x3' key is to be milled at each end of the table.
2. Tack coat is to be applied at each speed table location.

SPEED TABLE ADVANCE WARNING MARKINGS



Striping Specifications

HOT MELT MARKINGS SPECIFICATIONS

1. GENERAL :

It is the intent and purpose of this specification to describe and/or define preformed thermoplastic retroflective pavement markings designed for use as stop bars, crosswalks, arrows, legends, etc. in highway road markings.

The Lexington-Fayette Urban County Government, Division of Traffic Engineering reserves the right to reject any and all materials or to waive portions of these specifications.

- 1.1 The material must be resilient white or yellow (and other colors as required) thermoplastic product with uniformly distributed glass beads throughout the material. The material must be resistant to the effects of motor fuels, lubricants, hydraulic fluids, etc. All material must be capable of being affixed to bituminous and/or concrete pavements by the use of the normal heat of a propane torch.
- 1.2 The markings must be capable of conforming to pavement contours, breaks, and faults through the action of traffic at normal pavement temperatures. The markings shall have resealing characteristics, such that it is capable of fusing with itself and previously applied thermoplastic when heated with the propane torch.
- 1.3 The material must be able to be applied in temperatures down to 32 degrees F., with no other minimum road or air temperature. No special storage, preheating or treatment of the material or special heating of the road surface other than normal removal of wetness of the highway surface shall be required.

2. MATERIAL :

Must be composed of an ester modified rosin resistant to degradation by motor fuels, lubricants etc. in conjunction with aggregates, pigments, binders, glass beads with have been factory produced as a finished product, and meets the requirements of the current edition of the Manual on Uniform Traffic Control Devices for Streets and Highways. The thermoplastic material must conform to AASHTO designation M249-79 (86), with exceptions due to the material being supplied in a preformed state.

- 2.1 The material must contain a minimum of thirty percent-intermixed graded glass beads by weight. The intermixed beads shall be clear and transparent.
- 2.2 The material must have factory applied coated surface beads (unless stated otherwise) in addition to the intermixed beads at a rate of 1 pound (+/- 10%) per 11 square feet.

3. PIGMENTS:

- 3.1 White - Sufficient titanium dioxide pigment is to be used to ensure a color similar to Federal Highway White, Color No. 17886, as per Federal Standard 595.

Striping Specifications

3.2 Yellow - Sufficient yellow pigment is to be used to ensure a color similar to Federal Highway Yellow, Color No. 13655, as per Federal Standard 595. The yellow pigment must contain no lead chromate.

4. **HEATING INDICATORS:**

The top surface of the material shall have regularly spaced indents that shall act as an indicator system for the operator to properly gauge the correct amount of heat to apply during installation. The indents shall work by closing together to show that the material has reached a molten state.

5. **SKID RESISTANCE:**

The surface, with properly applied and embedded surface beads, must provide a resistance value of 45 BPN to 55 BPN when tested according to ASTM: E303.

If available, substitution of a "High Skid" (or equivalent) resistant pavement marking material may be requested at no additional charge.

6. **THICKNESS:**

The material must be installed at a minimum thickness of 125 mils (3.155 mm), unless otherwise stated.

7. **ENVIRONMENTAL RESISTANCE:**

The material must be resistant to deterioration due to exposure to sunlight, water, salt, or adverse weather conditions and impervious to oil and gasoline.

8. **APPLICATION:**

8.1 Asphalt - The material shall be applied using the propane torch method. The material must be able to be applied at ambient and road temperatures down to 32 degrees F. without any preheating of the pavement to a specific temperature.

8.2 Concrete - The same application procedure shall be used as for asphalt, however, a compatible primer sealer may be applied before application to assure proper adhesion.

In addition to requirements listed above, all materials will comply with the requirements and/or specifications and testing as listed in the "Standard Specifications For Road and Bridge Construction, Edition of 2000" (or later) as published by the Kentucky Transportation Cabinet/Department of Highways.

Dated: January, 2001

Asphalt Speed Table Bid Specifications for Price Contract

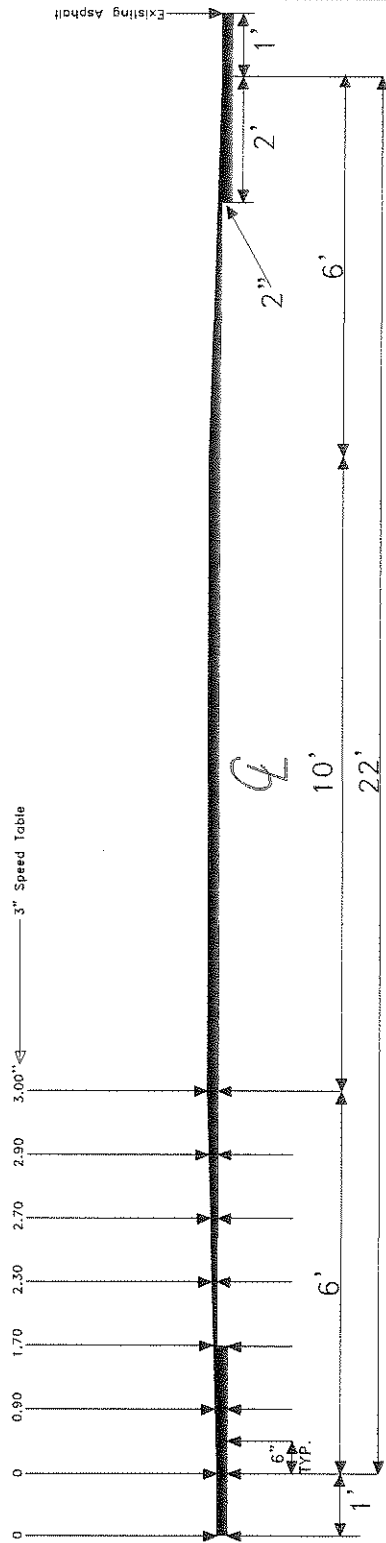
Prepared by the Lexington-Fayette Urban County Government Division of Traffic Engineering

January 9, 2009

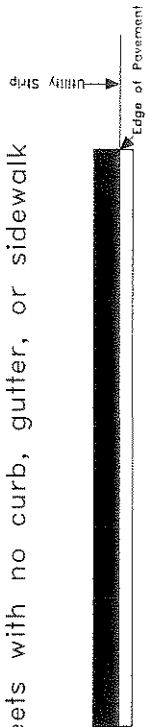
- The contractor will provide all labor, materials and installation equipment. Materials and workmanship are to meet LFUCG standards.
- Asphalt speed tables are to be constructed to LFUCG and *Institute of Transportation Engineers (ITE)* standard cross-sections and are to be 22' in length along the roadway. Asphalt speed tables are to be constructed as shown on the attached schematic and are to be referenced as 3" speed tables. (See Speed Table Cross Section – page 2)
- It is strongly recommended that the successful contractor construct a template that can be used to insure that the proper cross-sectional tolerances are met. The LFUCG will utilize a template to verify that the cross-section meets LFUCG standards. The LFUCG Division of Traffic Engineering will inspect each table after it has been completed to insure that proper tolerances are met and that the desired cross-section is constructed.
- A 2"x36" key is to be milled at each end of the speed hump to lock the speed table into the existing asphalt roadway.
- Tack coat is to be applied at each speed table location to insure proper bond of the new surface to the old surface.
- Old surface and keyed area to be thoroughly cleaned prior to new asphalt placement.
- Asphalt speed tables installed on roadways with no curb and gutter are to be constructed with uniform cross-section to the end of the pavement edge.
- Asphalt speed tables installed on roadways with curb and gutter are to be installed to the edge of the gutter pan and are to be tapered to the gutter pan starting 12" from the end of the speed hump (edge of the gutter pan).
- 12" wide hot melt pavement markings are to be applied to each speed table and are to meet LFUCG Division of Traffic Engineering requirements. (See attached *MUTCD 2003 Edition* striping layout schematic and bid specifications – pages 3-6). **Markings are to be installed as soon as possible after the speed tables are in place.**
- **The contractor has 20 working days from the date of notification to complete the installation.**
- The contractor is to notify the Division of Traffic Engineering of the scheduled installation date and must obtain the necessary permits to perform the work including but not limited to a Lane Blockage Permit from the Division of Traffic Engineering.
- The Division of Traffic Engineering reserves the right to have an inspector on site to insure that proper procedures are being followed and the speed table installation meets LFUCG standards.

22' SPEED TABLE CROSS-SECTION

Speed Table cross-section along street



Streets with no curb, gutter, or sidewalk



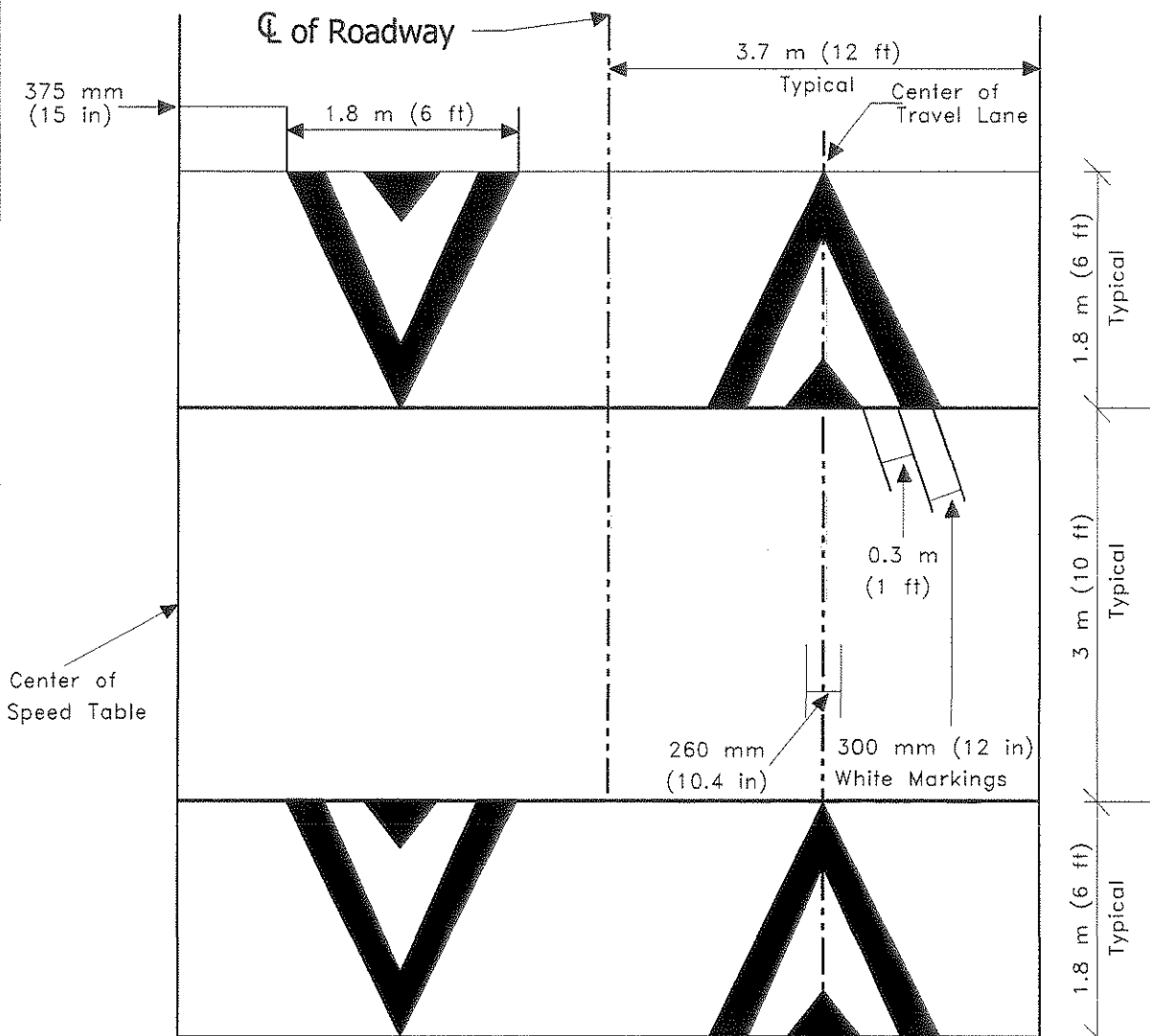
Streets with curb, gutter, and sidewalk



Notes:

1. A 2"X3' key is to be milled at each end of the table.
2. Tack coat is to be applied at each speed table location.

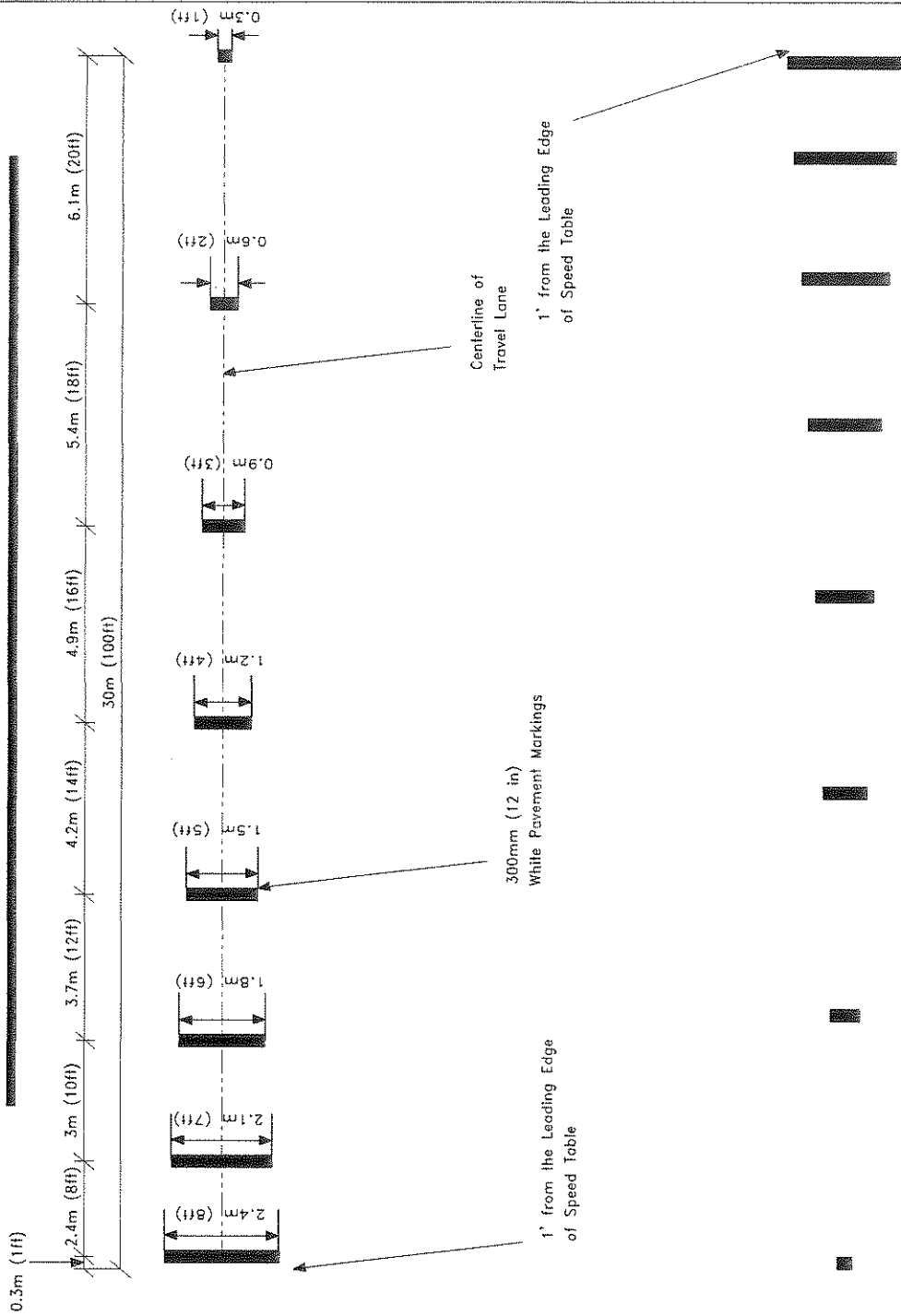
SPEED TABLE STRIPING



NOTE:

12" WIDE HOT MELT MARKINGS ARE TO BE USED ON EACH SPEED TABLE AND ARE TO MEET LFUCG DIVISION OF TRAFFIC ENGINEERING REQUIREMENTS.

SPEED TABLE ADVANCE WARNING MARKINGS



Striping Specifications

HOT MELT MARKINGS SPECIFICATIONS

1. GENERAL :

It is the intent and purpose of this specification to describe and/or define preformed thermoplastic retroreflective pavement markings designed for use as stop bars, crosswalks, arrows, legends, etc. in highway road markings.

The Lexington-Fayette Urban County Government, Division of Traffic Engineering reserves the right to reject any and all materials or to waive portions of these specifications.

- 1.1 The material must be resilient white or yellow (and other colors as required) thermoplastic product with uniformly distributed glass beads throughout the material. The material must be resistant to the effects of motor fuels, lubricants, hydraulic fluids, etc. All material must be capable of being affixed to bituminous and/or concrete pavements by the use of the normal heat of a propane torch.
- 1.2 The markings must be capable of conforming to pavement contours, breaks, and faults through the action of traffic at normal pavement temperatures. The markings shall have resealing characteristics, such that it is capable of fusing with itself and previously applied thermoplastic when heated with the propane torch.
- 1.3 The material must be able to be applied in temperatures down to 32 degrees F., with no other minimum road or air temperature. No special storage, preheating or treatment of the material or special heating of the road surface other than normal removal of wetness of the highway surface shall be required.

2. MATERIAL :

Must be composed of an ester modified rosin resistant to degradation by motor fuels, lubricants etc. in conjunction with aggregates, pigments, binders, glass beads with have been factory produced as a finished product, and meets the requirements of the current edition of the Manual on Uniform Traffic Control Devices for Streets and Highways. The thermoplastic material must conform to AASHTO designation M249-79 (86), with exceptions due to the material being supplied in a preformed state.

- 2.1 The material must contain a minimum of thirty percent-intermixed graded glass beads by weight. The intermixed beads shall be clear and transparent.
- 2.2 The material must have factory applied coated surface beads (unless stated otherwise) in addition to the intermixed beads at a rate of 1 pound (+/- 10%) per 11 square feet.

3. PIGMENTS:

- 3.1 White - Sufficient titanium dioxide pigment is to be used to ensure a color similar to Federal Highway White, Color No. 17886, as per Federal Standard 595.

Striping Specifications

3.2 Yellow - Sufficient yellow pigment is to be used to ensure a color similar to Federal Highway Yellow, Color No. 13655, as per Federal Standard 595. The yellow pigment must contain no lead chromate.

4. **HEATING INDICATORS:**

The top surface of the material shall have regularly spaced indents that shall act as an indicator system for the operator to properly gauge the correct amount of heat to apply during installation. The indents shall work by closing together to show that the material has reached a molten state.

5. **SKID RESISTANCE:**

The surface, with properly applied and embedded surface beads, must provide a resistance value of 45 BPN to 55 BPN when tested according to ASTM: E303.

If available, substitution of a "High Skid" (or equivalent) resistant pavement marking material may be requested at no additional charge.

6. **THICKNESS:**

The material must be installed at a minimum thickness of 125 mils (3.155 mm), unless otherwise stated.

7. **ENVIRONMENTAL RESISTANCE:**

The material must be resistant to deterioration due to exposure to sunlight, water, salt, or adverse weather conditions and impervious to oil and gasoline.

8. **APPLICATION:**

8.1 Asphalt - The material shall be applied using the propane torch method. The material must be able to be applied at ambient and road temperatures down to 32 degrees F. without any preheating of the pavement to a specific temperature.

8.2 Concrete - The same application procedure shall be used as for asphalt, however, a compatible primer sealer may be applied before application to assure proper adhesion.

In addition to requirements listed above, all materials will comply with the requirements and/or specifications and testing as listed in the "Standard Specifications For Road and Bridge Construction, Edition of 2000" (or later) as published by the Kentucky Transportation Cabinet/Department of Highways.

Dated: January, 2001

BID SPECIFICATIONS FOR MARKINGS

1. GENERAL

It is the intent and purpose of this specification to describe and/or define preformed thermoplastic retro reflective pavement markings designed for use as stop bars, crosswalks, arrows, legends, etc. in highway road markings.

1.1 The material must be a resilient white or yellow (and other colors as required) thermoplastic product with uniformly distributed glass beads throughout the material. The material must be resistant to the effects of motor fuels, lubricants, hydraulic fluids, etc. All material must be capable of being affixed to bituminous and/or concrete pavements by the use of the normal heat of a propane torch.

1.2 The markings must be capable of conforming to pavement contours, breaks, and faults through the action of traffic at normal pavement temperatures. The markings shall have resealing characteristics, such that it is capable of fusing with itself and previously applied thermoplastic when heated with the propane torch.

1.3 The material must be able to be applied in temperatures down to 32 degrees F., with no other minimum road or air temperature. No special storage, preheating or treatment of the material or special heating of the road surface other than normal removal of wetness of the highway surface shall be required.

2. MATERIAL:

Must be composed of an ester modified rosin resistant to degradation by motor fuels, lubricants, etc. in conjunction with aggregates, pigments, binders, glass beads which have been factory produced as a finished product, and meets the requirements of the current edition of the manual on Uniform Traffic Control Devices for Streets and Highways. The thermoplastic material must conform to ASASHTO designation M249-79 (86), with exceptions due to the material being supplied in a preformed state.

2.1 The material must contain a minimum of thirty percent-intermixed graded glass beads by weight. The intermixed beads shall be clear and transparent.

2.2 The material must have factory applied coated surface beads (unless stated otherwise) in addition to the intermixed beads at a rate of 1 pound (+/- 10%) per 11 square feet with the following specifications:

- 1) Minimum 80% round
- 2) Minimum refractive index of 1.5
- 3) Minimum SiO₂ content of 70%
- 4) Maximum iron content of 0.1%

3. PIGMENTS:

3.1 White – Sufficient titanium dioxide pigment is to be used to ensure a color similar to Federal Highway White, Color No. 17886, as per Federal Standard 595.

3.2 Yellow – Sufficient yellow pigment is to be used to ensure a color similar to Federal Highway Yellow, Color No. 13655, as per Federal Standard 595. The yellow pigment must contain no lead chromate.

4. HEATING INDICATORS:

The top surface of the material shall have regularly spaced indents that shall act as an indicator system for the operator to properly gauge the correct amount of heat to apply during installation. The indents shall work by closing together to show that the material has reached a molten state.

5. **SKID RESISTANCE:**

The surface, with properly applied and embedded surface beads, must provide a resistance value of 45 BPN to 55 BPN when tested according to ASTM: E303. If available, substitution of a "High Skid" (or equivalent) resistant pavement marking material may be requested at no additional charge.

6. **THICKNESS:**

The material must be supplied at a minimum thickness of 125 mils (3.155mm), unless otherwise stated.

7. **TURN & COMBINATION ARROWS:**

Will be supplied without surface applied glass beads to facilitate the use of these arrows as either left or right indicators.

8. **ENVIRONMENTAL RESISTANCE:**

The material must be resistant to deterioration due to exposure to sunlight, water, salt or adverse weather conditions and impervious to oil and gasoline.

9. **RETROREFLECTIVITY:**

When applied in accordance with manufactures guidelines, must demonstrate a uniform level of sufficient nighttime retro reflection when tested in accordance to ASTM E1710-97.

10. **APPLICATION:**

10.1 Asphalt – The material shall be applied using the propane torch method. The material must be able to be applied at ambient and road temperatures down to 32 degrees F. without any preheating of the pavement to a specific temperature.

10.2 Concrete – The same application procedure shall be used as for asphalt, however, a compatible primer sealer may be applied before application to assure proper adhesion.

11. Where applicable, these general specifications shall conform to and meet the Kentucky Department of Highways Standard Specifications for Road and Bridge Construction Edition 2000 or later.

<u>ITEM</u>	<u>PER</u>
Stop Bar	L.F.
Crosswalks	L.F.
Curve Arrows	Each
Combination Arrows	Each
Bicycle Symbols	Each
School Symbols	Each
Pavement Marker – Type IV	Each
Pavement Marker – Type V	Each

PAYMENT

The Lexington Fayette Urban County Government (LFUCG) will make payment for the completed and accepted quantities under the following:

PAY ITEM

PAY UNIT

Traffic Markings	L.F.
Straight Arrows	Each
Curve Arrows	Each
Combination Arrows	Each
Stop Bars	L.F.
Cross Walks	L.F.
Striping	L.F.
4" Temporary	
4" Permanent	
Bicycle Symbols	Each
School Symbols	Each
Pavement Marker – Type IV	Each
Pavement Marker – Type V	Each

PRICE ADJUSTMENT

Due to the fluctuation cost of liquid petroleum products, LFUCG will adjust the compensation of specified liquid asphalt in contract when contract quantity thresholds are met.

LIQUID ASPHALT

LFUCG will compare the Kentucky Average Price Index (KAPI), for the month that the contract is let, to the index for the month that the Contractor places the material on the project to determine the percent change. When the original contract quantity for the asphalt items is equal to or greater than 1,000 tons and the average price of liquid asphalt increases or decreases more than 5 percent, LFUCG will adjust the Contractor’s compensation. The KAPI is calculated monthly using the weighted average price, per ton at the terminal, from the active suppliers of liquid asphalt.

ADJUSTABLE CONTRACT ITEMS:

- Asphalt Material for Tack
- Asphalt Base, all classes
- Asphalt Surface, all classes
- Asphalt mixture for leveling and wedging

LFUCG will determine the price adjustment using the following formulas:

When PC is greater than PL:

Asphalt Price Adjustment = $(Q \times A)/100 \times PL \times [(PC-PL)/PL - 0.05]$

When PC is less than PL:

Asphalt Price Adjustment = $(Q \times A)/100 \times PL \times [(PC-PL)/PL + 0.05]$

Where:

Q=Tons of material or mixture placed each month

A=Percent of material or mixture that is asphalt

PL=KAPI for the month that the contract is let

PC=KAPI for the month that the contractor places the mixture or material

The job-mix formula for asphalt base and surface mixtures determines "A", which is the percent of asphalt. For recycled mixtures, LFUCG will determine the adjustment for the new asphalt cement only. LFUCG will consider materials for tack as 100 percent asphalt.

PAYMENT AND DEDUCTIONS

When thresholds are met, LFUCG will adjust the Contractor's compensation for eligible pay item, paid or deducted monthly.

If later price decreases indicate that LFUCG made an overpayment, LFUCG will withhold the overpayment from succeeding pay estimates on the project, or the Contractor shall immediately refund the over payment to LFUCG.

When the Contractor placed material during any month after the month that the Contract time (including all approved time extensions) expires, the Department will use the average price contract for the month that the Contractor places the material or the average price for the last month of the contract time, whichever is least.

LFUCG will not grant a time extension for any overrun in the Contract amount due to payments made according to this section. The Department will not make any additional compensation due to adjustments made according to this section.

LFUCG will adjust the Contractor's compensation on the following months pay estimate and on the final pay estimate. The Department will make the final adjustment of the Contractor's compensation on the final estimate for the project.

L-M Asphalt Partners, Ltd. dba ATS Construction Construction

ESTIMATED RESURFACING QUANTITIES					
FY 2013 CITY RESURFACING					
ITEM NO.	ITEM	UNIT	APPROX QTY	UNIT BID PRICE	EXTENTION AMOUNT
1	CL 2 Asphalt Base 0.75D, PG 64-22	Tons	650	78.00	50,700.00
2	CL 2 Asphalt Base 0.75D, PG 64-22 w/Fiber	Tons	135	83.00	11,205.00
3	CL 2 Asphalt Surface 0.38D, PG 64-22				
3a	0-99 Tons	Tons	565	104.00	58,760.00
3b	100-249 Tons	Tons	5,610	98.00	549,780.00
3c	250-499 Tons	Tons	11,750	88.00	1,034,000.00
3d	500-749 Tons	Tons	6,665	86.00	573,190.00
3e	750-999 Tons	Tons	3,785	84.00	317,940.00
3f	1000+ Tons	Tons	3,425	82.00	280,850.00
4	CL 3 Asphalt Base 1.0 D, PG 76-22	Tons	375	87.00	32,625.00
5	CL 3 Asphalt Surface 0.38 B, PG 76-22	Tons	325	99.00	32,175.00
6	CL 2 Asphalt Sur., Leveling & Wedging PG 64-22	Tons	675	82.00	55,350.00
7	Milling & Texturing - Full Pavement	Tons	6,500	20.00	130,000.00
8	Milling & Texturing - Partial Pavement	Tons	5,250	55.00	288,750.00
9	Install Reinforcing Mat (Materials Furnished by Owner)	S.Y.	20,000	0.90	18,000.00
10	Edge Key	L. F.	210	3.50	735.00
11	Rolling and Shaping	S.Y.	500	2.00	1,000.00
12	Asphalt Curb	L.F.	150	8.00	1,200.00
13	Adjustment of Manholes	Each	50	300.00	15,000.00
14	Pavement Striping (Temporary) 102 - mm (4 inch)	L.F.	135,500	0.35	47,425.00
15	Pavement Striping (Permanent) 102 - mm (4 inch)	L.F.	135,500	0.45	60,975.00
16	Pavement Striping (Temporary) 152 - mm (6 inch)	L.F.	700	0.50	350.00
17	Pavement Striping (Permanent) 152 - mm (6 inch)	L.F.	700	0.60	420.00
18	Stop Bar - Thermoplastic Markings	L.F.	490	9.00	4,410.00
19	Cross Walks - Thermoplastic Markings	L.F.	1,280	5.00	6,400.00
20	Curve Arrows - Thermoplastic Markings	Each	50	100.00	5,000.00
21	Combination Arrows - Thermoplastic Markings	Each	8	185.00	1,480.00
22	Straight Arrows - Thermoplastic Markings	Each	8	100.00	800.00
23	SCHOOL - Thermoplastic Markings	Each	8	400.00	3,200.00
24	Bike Symbols	Each	8	200.00	1,600.00
25	Pavement Marker - Type IV	Each	290	7.50	2,175.00
26	Pavement Marker - Type V	Each	290	32.50	9,425.00
	TOTAL AMOUNT BID				\$ 3,594,920.00

Attachment " A "

L-M Asphalt Partners, Ltd. dba ATS Construction - 2012 Equipment List

EMCo	Equipment	Manufacturer	ModelYr	VINNumber	Description
6	01.LT8213	GMC	2004	1GKDT13SX42230204	GMC ENVOY
6	01.LT8219	CHEVROLET	2007	1GNFK130X7J350852	CHEVY TAHOE LTZ 1500 4X4
6	01.LT6202	CHEVROLET	2007	1GNEK13017R168857	CHEVY TAHOE LT 1500 4X4
6	01.LT8221	FORD	2008	1FMFU16578LA78949	FORD EXPEDITION 4X4
6	01.LT8225	TOYOTA	2009	JTEBU14R49K038890	TOYOTA SR5 4 RUNNER
6	01.LT8227	CHEVROLET	2010	1GNUKAE02AR170715	CHEVY TAHOE 4X4
6	01.LT6204	TOYOTA	2011	5TDJW5G13BS043729	TOYOTA SEQUOIA LIMITED
6	01.LT6205	CHEVROLET	2004	1GNEK13Z04J264312	CHEVROLET TAHOE
6	01.LT8220	TOYOTA	2008	JTEBU14R480132097	TOYOTA 4RUNNER
6	01.LT8226	CHEVROLET	2008	1GTNDT13S382211843	CHEVY TRAILBLAZER
6	01.LT8228	CHEVROLET	2004	1GNEK13Z04J264312	CHEVROLET TAHOE
6	01.LT8229	CHEVROLET	2011	1GNSKAE08BR398209	CHEVROLET TAHOE
6	01.LT8117	CHEVROLET	2008	1GCCS149988155326	CHEVY COLORADO
6	01.LT6112	CHEVROLET	2006	1GCEC19TX6Z169253	CHEVY 1500 4X2 EXT CAB
6	01.LT8101		2005	TERMINAL	FORD F150
6	01.LT6126	FORD	2007	1FTYR10U77PA23200	FORD RANGER
6	01.LT6119	CHEVROLET	2007	1GCEC19V97Z100217	CHEVY 1500 4X2 EXT CAB
6	01.LT6117	FORD	2006	1FTYR10D66PA72841	FORD RANGER 4X2
6	01.LT6113	FORD	2006	1FTRF12266NA60290	FORD F150 4X2
6	01.LT6130	FORD	2007	1FTPX12V47FA33213	FORD F150 EXT CAB
6	01.LT8108	TOYOTA	2010	5TFUW5F12AX115401	TOYOTA TUNDRA 4X4 EXT CAB
6	01.LT8109	TOYOTA	2010	5TFUW5F13AX118663	TOYOTA TUNDRA 4X4 EXT CAB
6	01.LT8200	CHEVROLET	2008	1GCDT19E088164035	CHEVY COLORADO EXT CAB
6	01.LT6107	CHEVROLET	2004	2GCEC19T041148952	CHEVY 1500 4X2 EXT CAB
6	01.LT8178	CHEVROLET	2006	1GCDT196668198129	CHEVY COLORADO
6	01.LT8185	CHEVROLET	2006	1GCDT196168223955	CHEVY COLORADO
6	01.LT6127	FORD	2007	1FTPX14V77FB26224	FORD F150 4X4 EXT CAB
6	01.LT6131	FORD	2007	1FTPX12V17KC88120	FORD F150 EXT CAB
6	01.LT6132	CHEVROLET	2008	1GCEK190X8Z203686	CHEVY 1500 4X4 EXT CAB
6	01.LT8118	CHEVROLET	2008	1GCCS149088135126	CHEVY COLORADO
6	01.LT6110	CHEVROLET	2005	1GCHC29U35E251696	CHEVY 1500 4X2 EXT CAB
6	01.LT6118	FORD	2007	1FTZR14U47PA16381	FORD RANGER 4X2
6	01.LT6125	FORD	2007	1FTRF12267NA48173	FORD F150 4X2
6	01.LT6128	FORD	2005	1FTZR44U45PA26097	FORD RANGER
6	01.LT8102		2006	TERMINAL	FORD F150
6	01.LT8167	FORD	2003	1FTRW08L23KC61725	FORD F150 4X4
6	01.LT8187	CHEVROLET	2006	3GCEC14X76G194248	CHEVY SILVERADO
6	01.LT8107	FORD	2010	1FTSX2B52AEA97201	FORD F250 4X4 EXT CAB
6	01.LT8166	FORD	2003	1FTNF21P03EC23058	FORD F250 4X4
6	01.LT8171	FORD	2004	1FTNF21PX4ED16008	FORD F250 4X4
6	01.LT8182	CHEVROLET	2008	1GCHK24628E143764	CHEVY 2500 4X4
6	01.LT8181	CHEVROLET	2008	1GCHK24618E116667	CHEVY 2500 4X4
6	01.LT8148	FORD	1999	1FTNF21F4XEE19579	FORD F250 4X4
6	01.LT8110	FORD	2008	1FTSX21568EE63091	FORD F250 4X4 EXT CAB
6	01.LT8163	FORD	2002	1FTNF21FX2EC83113	FORD F250 4X4 FLAT BED
6	01.LT8179	CHEVROLET	2006	1GCHC29D26E171064	CHEVY SILVERADO
6	01.LT8188	CHEVROLET	2006	3GCEC14X56G194393	CHEVY SILVERADO 4X2
6	01.LT8199	FORD	2008	1FTNF21578ED95657	FORD F250 4X4
6	01.LT6106	CHEVROLET	2003	1GCGC24U13Z226854	CHEVY 2500 4X2 FLATBED
6	01.LT6115	FORD	2003	1FTNW20L33ED44035	FORD F250 4X2 EXT CAB TRUCK
6	01.LT6122	CHEVROLET	2007	1GCHC29U67E176687	CHEVY 2500 4X2 EXT CAB
6	01.LT6123	CHEVROLET	2007	1GCHC29UX7E198451	CHEVY 2500 4X2 EXT CAB
6	01.LT6124	CHEVROLET	2007	1GCHC29U77E195524	CHEVY 2500 4X2 EXT CAB
6	01.LT8113	FORD	2008	1FTNF21508EE35304	FORD F250 4X4
6	01.LT8177	CHEVROLET	2006	1GCHK23D76F140625	CHEVY 2500 4X4
6	01.LT8196	CHEVROLET	2007	1GCHK29687E550351	CHEVY 2500 4X4
6	01.LT8114	FORD	2008	1FTNF21548EE35323	FORD F250 4X4

L-M Asphalt Partners, Ltd. dba ATS Construction - 2012 Equipment List

EM/Co	Equipment	Manufacturer	Model/yr	VIN/Number	Description
6 01.LT8174		FORD	2004	1FTNX20P94ED21179	FORD F250 4X4
6 01.LT8186		CHEVROLET	2006	1GCHK24D56E208246	CHEVY 2500
6 01.LT8192		CHEVROLET	2007	1GCHK23D57F155609	CHEVY SILVERADO 2500
6 01.LT8193		CHEVROLET	2007	1GCHK24D27E117517	CHEVY 2500 4X4
6 01.LT8194		CHEVROLET	2007	1GCHK24D87E144155	CHEVY 2500 4X4
6 01.LT8197		CHEVROLET	2007	1GCHC24K37E592850	CHEVY 2500 4X4 PICKUP TRUCK
6 01.LT8198		CHEVROLET	2007	1GCHC29K57E560328	CHEVY 2500 4X4
6 01.TK8214		FORD	2010	1FTSW2A52AEA03225	FORD F250 4X2 4 DOOR
6 07.TK8256		FORD	2004	1FTNF21PX4EC08388	FORD F250 UTILITY TRUCK
6 01.LT6103		CHEVROLET	2002	1GCGC24U42Z118856	CHEVY 2500 4X2
6 01.LT8180		CHEVROLET	2006	1GCHC29D66E171892	CHEVY SILVERADO
6 01.LT8116		FORD	2008	1FTNF21538EE35300	FORD F250 4X4
6 01.LT8112		FORD	1991	1FTHF25M9MNA08728	FORD F250 STEAM TRUCK
6 01.LT8141		FORD	1998	1FTNF20F7XEB99971	FORD F250 STEAM TRUCK
6 01.LT8145			1999	1FTNX20F1ED84014	FORD F250 4X4
6 01.LT8160		FORD	2002	1FTNX20F42EA66655	FORD F250 4X4 POWDER TRUCK
6 01.LT8161		FORD	2002	1FTNF20F02EC59842	FORD F250 4X4
6 01.LT8175		FORD	2004	1FTNX20P84EE01167	FORD F250 4X4
6 01.LT8195		CHEVROLET	2007	1GCHK29D27E144807	CHEVY 2500 4X4
6 01.LT8191		CHEVROLET	2006	1GCJK33D26F227727	CHEVY 3500 4X4 FLATBED
6 01.LT8189		CHEVROLET	2005	1GCJK33205F941496	CHEVY SILVERADO FLATBED
6 01.TK8210		FORD	2002	1FDAF57F02EB50461	FORD F550 FLATBED
6 01.TK8211		FORD	2003	1FDWF37P03ED89299	FORD F350 POWDER TRUCK
6 01.TK8212		CHEVROLET	2002	1GBJK34132E125300	CHEVY 3500 POWDER TRUCK
6 01.TK8209		FORD	1999	1FDXF46FXEB40646	FORD F450 STEAM
6 01.TK6213		FORD	2006	1FDAF56P86ED92253	FORD F550 4X2 FLATBED
6 01.TK8215		GMC	2004	1GDJK34114E211232	GMC WHITE PICKUP TRUCK
6 01.LT8183		CHEVROLET	2008	1GCHK346X8E149382	CHEVY 3500 4X4 FLATBED
6 01.LT8223		CHEVROLET	2008	1GCJK33618F146691	CHEVY CK30943 FLATBED 4 DOOR
6 01.TK6214		FORD	2008	1FDXX46R28EA56670	FORD F450
6 01.TK6212		CHEVROLET	1999	1GBJK34J6XF074375	CHEVY 3500 FLATBED
6 01.TK8208		FORD	2001	1FDWF36F81EC61463	FORD F350 FLATBED
6 01.LT8190		CHEVROLET	2006	1GCJK33D56F156586	CHEVY SILVERADO 3500 FLATBED
6 01.TK8213			2008	1GCJK33698F146664	CHEVY 3500 4X4 FLAT BED
6 04.TR8822			2004	4K8GY242721680374	BIG TEX 24' GOOSE NECK TRAILER
6 03.TR8815			2001	KYT3848	HOMEMADE TAMDEN 6X16 TRAILER
6 03.TR8875			2006	4ASUS16296S048623	16' UTILITY TRAILER
6 03.TR6816			2010	421H02029A8012218	GATOR TAMDEN 7X20 TRAILER
6 03.TR6806		HURST	2000	1H9TG232XY1057163	HURST 10 TON GOOSE NECK TRAILER
6 03.TR6808			1999	1KX43154XX1003356	CUSTOM TRAILER
6 03.TR6809			2007	16VNX162972C73900	BIG TEX TAMDEN 16X6 SIGN TRAILER
6 03.TR6811			2007	421HD182975002652	BIG TEX TAMDEN 18X7 TRAILER
6 03.TR6814			2007	16VNX122072C59874	2007 BIG TEX SOLA TANDEM TRL
6 03.TR6817			2010	421H02022AS013341	GATOR TAMDEN 7X20 TRAILER
6 03.TR8809			1994	KYT23010	HOMEMADE TAMDEN 16X6 TRAILER
6 03.TR8810			1995	KYT37865	TAMDEN 16X6 TRAILER
6 03.TR8814			2002	KYT38488	HOMEMADE SINGLE 12X5 TRAILER
6 03.TR8818			2004	159F718234K087167	STIGER GOOSENECK TAMDEN 18X7 TRAILER
6 03.TR8819		STIGER	2004	159F718294K087190	STIGER 16' GOOSE NECK TRAILER
6 03.TR8820		STIGER	2004	159F718214K087197	STIGER 16' GOOSE NECK TRAILER
6 03.TR8821			2004	159F51621214K087217	STIGER TAMDEN 16X6 PIN TRAILER
6 03.TR8826			2009	4XMUL12139G020197	SINGLE 12X6 TRAILER
6 03.TR8827			2008	159F18238K087143	STIGER GOOSENECK TAMDEN 19X7 TRAILER
6 04.TR6807		TRAILMAX	2002	1G9KS21272A065560	TRAILMAX T-12-UT TRAIL
6 04.TR6815			2000	473482322V1110715	CRONKHITE 4800 6' X 14' TRAILER
6 04.TR6801			2002	13NE5240923514794	FONTAINE 55 TON WEDGE LOWBOY TRAILER
6 04.TR6805		TRAIL KING	2003	1TKJ0493X3B012912	TRAIL KING 55 TON LOWBOY TRAILER
6 04.TR8800			2009	40FG0533991030586	TALBERT LANDOLL TA50 LOWBOY TRAILER
6 04.TR8805		TRAIL KING	2005	1TKJ048385B010080	TRAIL KING 50 TON LOWBOY TRAILER
6 04.TR8806		TRAIL KING	2005	1TKS005125B019552	TRAIL KING 70 TON LOWBOY TRAILER
6 07.TK8252		FORD	2005	1FDAF57P85EA17105	FORD F550 MECHANIC TRUCK

L-M Asphalt Partners, Ltd. dba ATS Construction - 2012 Equipment List

EM/Co	Equipment	Manufacturer	ModelYr	VIN/Number	Description
6 01.TK6250	CHEVROLET		2003	1GBE5E1183F505687	CHEVY C5500 MECHANIC TRUCK
6 07.TK8254	FORD		2007	1FDXF47P77EA73320	FORD F450 MECHANIC TRUCK
6 07.TK6251	FORD		2005	1FDXF46P75ED35268	FORD F450 MECHANIC TRUCK
6 07.TK8253	FORD		2005	1FDAF57P05ED15924	FORD F550 MECHANIC TRUCK
6 07.TK8255	CHEVROLET		2007	1GCHK34657E558565	CHEVY 3500 TRUCK
6 07.TK6254	FORD		2008	3FRWX75H18V668649	FORD F750 MECHANIC TRUCK
6 07.TK6253	FORD		2006	3FRWX65F66V323252	FORD F650 EXT CAB MECHANIC TRUCK
6 07.TK8251	FORD		2002	3FDWF65GX2MA12783	FORD F650 MECHANIC TRUCK
6 07.TK8250	KENWORTH		1996	2XKMA78X8TM711160	KENWORTH T300 MECHANIC TRUCK
6 10.CR8010	GROVE		1989	71732	GROVE RT740B CRANE
6 12.FK6561	CATERPILLAR			AT9003075	CAT V50 FORKLIFT
6 12.FK6560	CATERPILLAR		2003	5CN00201	CAT DP45 FORK LIFT
6 12.FK6570					CAT DP45 FORKLIFT
6 12.ML6011	GENIE			2658	GENIE S80 4 X 4 AERIAL LIFT
6 13.BR8532	ROSCO		1993	41995	ROSCO RIDEON BROOM
6 13.BR8534			2009	808742	SUPERIOR 8FT BROOM
6 13.BR6533	BROCE		2006	405196	BROCE RJ 350 BROOM
6 13.BR6532	BROCE		2003	403193	BROCE RJ-350 BROOM
6 13.BR6534	SUPERIOR		2008	807668	SUPERIOR BROOM DT80CT
6 13.BR8531	WALDON		2000	28297-011	WALDON SM 250 SWEEPMASTER ROAD BROOM
6 13.BA8532					***DO NOT USE**** CHANGED TO 13.BR8532
6 13.BR9060	FORD			C695452	3610 FOR TRACTOR W/ BROOM & SEEDER ATTACHMENTS
6 13.TK8381			2001	1JVM4H341C172004	JOHNSTON 4000C STREET SWEEPER
6 13.TK6383			1993	1E9EAAA75PE105179	ELGIN WHIRLWIND VACUUM
6 14.DZ8020	CATERPILLAR		2002	3CR01860	CAT D5M LGP DOZER
6 14.DZ8021	CATERPILLAR		2003	AKD00295	CAT D5N LGP DOZER
6 14.DZ9050	CATERPILLAR		1998	SLN02103	CAT D6R XL DOZER
6 14.DZ8040	CATERPILLAR		1997	5LN00604	CAT D6R XL DOZER
6 14.DZ8041	CATERPILLAR		2004	AAX000405	CAT D6 DOZER
6 14.DZ9051	CATERPILLAR		1982	20X03469	CAT D6D DOZER W/ JERSEY BOX
6 14.DZ8044	CATERPILLAR		2007	ALY03168	CAT D6N LGP DOZER W/GPS
6 14.DZ8042	CATERPILLAR		2006	ALY02602	CAT D6N LGP DOZER
6 14.DZ8043	CATERPILLAR		2007	ALY03079	CAT D6N LGP DOZER W/GPS
6 14.DZ8070	CATERPILLAR		2004	06Y21813	CAT D8R II DOZER
6 14.DZ8072	CATERPILLAR		2005	KPZ00827	CAT D8T DOZER
6 14.DZ8067	CATERPILLAR		2004	6YZ01645	CAT D8R II DOZER
6 14.DZ8062	CATERPILLAR		2002	6YZ00717	CAT D8R II DOZER
6 14.DZ8065	CATERPILLAR		2003	6YZ01279	CAT D8R II DOZER
6 14.DZ8069	CATERPILLAR		2004	6YZ01776	CAT D8R II DOZER
6 14.DZ8013	CATERPILLAR		2005	KPZ00393	CAT D8T DOZER
6 14.DZ8063	CATERPILLAR		2002	6YZ00916	CAT D8R II DOZER PUSH TRACTOR
6 14.DZ8064	CATERPILLAR		2003	6YZ01073	CAT D8R II DOZER
6 14.DZ8066	CATERPILLAR		2003	6YZ01405	CAT D8R II DOZER
6 14.DZ8068	CATERPILLAR		2004	6YZ01775	CAT D8R II DOZER
6 14.DZ8073	CATERPILLAR		2005	KPZ00914	CAT D8T DOZER
6 14.DZ8075	CATERPILLAR		2006	KPZ01030	CAT D8T DOZER W/GPS
6 14.DZ8076	CATERPILLAR		2006	KPZ01243	CAT D8T DOZER
6 14.DZ8061	CATERPILLAR		2001	6YZ00392	CAT D8R II DOZER
6 14.DZ8060	CATERPILLAR		2001	6YZ00350	CAT D8R DOZER
6 14.DZ8074	CATERPILLAR		2006	J8B00572	CAT D8T DOZER
6 14.DZ8011	CAT		2004	ABK00687	CAT D9R DOZER
6 14.DZ8090	CATERPILLAR		1987	1JD01007	CAT D9N DOZER PUSH TRACTOR
6 15.SC8219	CATERPILLAR		1995	8PL00060	CAT 621F SCRAPER
6 15.SC8218	CATERPILLAR		1995	8PL00058	CAT 621F SCRAPER
6 15.SC8217	CATERPILLAR		1995	8PL00054	CAT 621F SCRAPER
6 15.SC8214	CATERPILLAR		1992	1AB01462	CAT 631E SCRAPER
6 15.SC8213	CATERPILLAR		1992	1AB01461	CAT 631E SCRAPER
6 15.SC8215	CATERPILLAR		1991	1AB01389	CAT 631E SCRAPER
6 15.SC8212	CATERPILLAR		1992	1AB01460	CAT 631E SCRAPER
6 15.SC8216	CATERPILLAR		1991	1AB01407	CAT 631E SCRAPER
6 15.SC8224	CATERPILLAR		2004	CLR00408	CAT 631G SCRAPER

L-M Asphalt Partners, Ltd. dba ATS Construction - 2012 Equipment List

EMCo	Equipment	Manufacturer	ModelYr	VINNumber	Description
6	15.SC8225	CATERPILLAR	2004	CLR00409	CAT 631G SCRAPER
6	15.SC8210	CATERPILLAR	1989	6AB01282	CAT 621E SCRAPER
6	15.SC8211	CATERPILLAR	1990	6AB01405	CAT 621E SCRAPER
6	15.SC8222	CATERPILLAR	1999	9XG01124	CAT 615C SCRAPER PADDLE PAN
6	15.SC8226	CATERPILLAR	2006	9XG01892	CAT 615C SCRAPER PADDLE PAN
6	15.SC8223	CATERPILLAR	2001	9XG01455	CAT 615C SCRAPER PADDLE PAN
6	15.SC8221	CATERPILLAR	1997	9XG00913	CAT 615C SCRAPER PADDLE PAN
6	15.SC8220	CATERPILLAR	1996	9XG00715	CAT 615C SCRAPER
6	17.LD8885	CATERPILLAR	2006	BBD01246	CAT 963C TRACK LOADER
6	17.LD8884	CATERPILLAR	2005	BBD01542	CAT 963C TRACK LOADER
6	17.LD8881	CATERPILLAR	1998	9BL02127	CAT 963B TRACK LOADER
6	17.LD8880	CATERPILLAR	1997	9BL01631	CAT 963B TRACK LOADER
6	17.LD8883	CATERPILLAR	2005	2DS03065	CAT 963C TRACK LOADER
6	17.LD8886	CATERPILLAR	2006	BBD02401	CAT 963C TRACK LOADER
6	17.LD8882	CATERPILLAR	2002	2DS02692	CAT 963C TRACK LOADER W/CLEARING FORK & GRAPPLE
6	23.SK8719	CATERPILLAR	2006	PAT02742	CAT 246B SKID STEER RUBBERTIRE
6	23.SK6716	CASE	1998	JAF0252626	CASE 1845C SKID STEER RUBBERTIRE
6	23.SK6717	CASE	2001	JAF0362385	CASE 1840 SKID STEER RUBBERTIRE
6	23.SK6718	CASE	2002	JAF0366061	CASE 60XT SKID STEER RUBBERTIRE
6	23.SK6719	CASE	2006	0SCL01778	CASE 248B SKID STEER RUBBERTIRE HIGH FLOW
6	23.SK8712	CATERPILLAR	2003	CNC01762	CAT 277 SKID STEER TRACK
6	23.SK8710	CATERPILLAR	2003	CNC01759	CAT 277 SKID STEER TRACK
6	23.SK8725	CATERPILLAR	2008	JWF01011	CAT 277C SKID STEER TRACK
6	23.SK8713	CATERPILLAR	2004	MDH00310	CAT 277B SKID STEER TRACK
6	23.SK8726	CATERPILLAR	2009	MBT00924	CAT 279C SKID STEER TRACK
6	23.SK8717	CATERPILLAR	2005	MDH02019	CAT 277B SKID STEER TRACK
6	23.SK8714	CATERPILLAR	2004	MDH00311	CAT 277B SKID STEER TRACK
6	23.SK8716	CATERPILLAR	2004	MDH00655	CAT 277B SKID STEER TRACK
6	23.SK8715	CATERPILLAR	2004	MDH00654	CAT 277B SKID STEER TRACK
6	23.SK8722	CATERPILLAR	2008	JWF00998	CAT 277C SKID STEER TRACK
6	23.SK8711	CATERPILLAR	2003	CNC01761	CAT 277 SKID STEER TRACK
6	23.LD8804	CATERPILLAR	1995	6FN00335	CAT IT28F WHEEL LOADER
6	23.LD8805	CATERPILLAR	1995	3CL01668	CAT IT28F WHEEL LOADER
6	23.LD8821	CATERPILLAR	2006	TWR02306	CAT 930G WHEEL LOADER
6	23.LD8803	CATERPILLAR	1995	3CL01621	CAT IT28F WHEEL LOADER
6	23.LD8806	CATERPILLAR	1996	8CR00162	CAT IT28G WHEEL LOADER
6	23.LD8822	CATERPILLAR	2006	TWR02434	CAT 930G WHEEL LOADER
6	23.LD8808	CATERPILLAR	2002	8CR03791	CAT IT28G WHEEL LOADER
6	23.LD8802	CATERPILLAR	1992	1HF02343	CAT IT28B WHEEL LOADER
6	23.LD8807	CATERPILLAR	2002	8CR03543	CAT IT28G WHEEL LOADER
6	23.LD8820	CATERPILLAR	2000	9SW00782	CAT 924G WHEEL LOADER
6	23.LD6603	CATERPILLAR	2002	3SW01421	CAT 966G WHEEL LOADER
6	23.LD6602	CATERPILLAR	1992	4T600248 ENG 08260678	CAT 966F WHEEL LOADER
6	23.LD6601	VOLVO	2005	L150EV8595	VOLVO L150E WHEEL LOADER
6	23.LD6604	CATERPILLAR	2006	JMS02230	CAT 980H WHEEL LOADER
6	24.BH8502	CATERPILLAR	1999	5YN06264	CAT 416C RUBBER TIRE BACKHOE
6	24.BH8513	CATERPILLAR	2004	FDP15178	CAT 420D RUBBER TIRE BACKHOE
6	24.BH6501	CASE		JJG0268381	CASE 580SL BACKHOE RUBBERTIRE
6	24.BH8503	CATERPILLAR	1999	5YN06635	CAT 416C RUBBER TIRE BACKHOE
6	24.BH8511	CATERPILLAR	2004	FDP15126	CAT 420D RUBBER TIRE BACKHOE
6	24.BH8504	CATERPILLAR	1999	5YN06907	CAT 416C RUBBER TIRE BACKHOE W/HAMMER
6	24.BH8506	CATERPILLAR	2001	FDP02499	CAT 420D RUBBER TIRE BACKHOE
6	24.BH8505	CATERPILLAR	2001	BLN00570	CAT 420D IT RUBBER TIRE BACKHOE W/HAMMER
6	24.BH8515	CATERPILLAR	2004	BLN10681	CAT 420D IT RUBBER TIRE BACKHOE
6	24.BH6502	CATERPILLAR	2002	JJG0310471	CASE 580M RUBBERTIRE HOE
6	24.BH8501	CATERPILLAR	1998	1WR08273	CAT 416C IT RUBBER TIRE BACKHOE
6	24.BH8512	CATERPILLAR	2004	FDP15127	CAT 420D RUBBER TIRE BACKHOE
6	24.BH8514	CATERPILLAR	2004	BLN10759	CAT 420D IT RUBBER TIRE BACKHOE
6	24.BH8507	CATERPILLAR	2001	FDP00350	CAT 420D RUBBER TIRE BACKHOE
6	24.BH8509	CATERPILLAR	2002	FDP07336	CAT 420D RUBBER TIRE BACKHOE
6	24.BH8510	CATERPILLAR	2003	FDP12767	CAT 420D RUBBER TIRE BACKHOE

L-M Asphalt Partners, Ltd. dba ATS Construction - 2012 Equipment List

Eq#	Equipment	Manufacturer	Model/Yr	VIN/Number	Description
6 24.FM9013		JOHN DEERE	2011	L06430H662618	JOHN DEERE 6430 TRACTOR
6 26.RT8602		IHI	2006	CB000276	IHI RUBBER TRACK DUMP TRUCK
6 26.RT8603		IHI	2008	CB001031	IHI RUBBER TRACK DUMP TRUCK
6 26.RT8601		IHI	2006	CB000275	IHI IC 100-7 RUBBER TRACK DUMP TRUCK
6 26.RT8610		CATERPILLAR	2010	EED01074	CAT 773F ROCK TRUCK
6 26.RT8611		CATERPILLAR	2010	EED01075	CAT 773F ROCK TRUCK
6 26.RT8612		CATERPILLAR	2010	EED01076	CAT 773F OFF HIGHWAY TRUCK
6 27.AT8617		CATERPILLAR	2005	B1W00163	CAT 730 ARTICULATED EJECTOR
6 27.AT8611		CATERPILLAR	2003	AGF00787	CAT 730 ARTICULATED DUMP TRK
6 27.AT8620		CATERPILLAR	2006	B1W00235	CAT 730 ARTICULATED EJECTOR
6 27.AT8610		CATERPILLAR	2003	AGF00786	CAT 730 ARTICULATED DUMP TRK
6 27.AT8612		CATERPILLAR	2003	AGF00788	CAT 730 ARTICULATED DUMP TRK
6 27.AT8613		CATERPILLAR	2003	AGF00814	CAT 730 ARTICULATED DUMP TRK
6 27.AT8615		CATERPILLAR	2003	AGF00661	CAT 730 ARTICULATED DUMP TRK
6 27.AT8614		CATERPILLAR	2003	AGF00815	CAT 730 ARTICULATED DUMP TRK
6 27.AT8618		CATERPILLAR	2006	B1W00177	CAT 730 ARTICULATED EJECTOR
6 27.AT8619		CATERPILLAR	2006	B1W00234	CAT 730 ARTICULATED EJECTOR
6 27.AT8616		CATERPILLAR	2005	B1W00162	CAT 730 ARTICULATED EJECTOR
6 27.AT8640		KOMATSU	2005	A10052	KOMATSU HM400 ARTICULATED EJECTOR
6 27.AT8646		CATERPILLAR	2007	B1R00230	CAT 740 ARTICULATED EJECTOR
6 27.AT8643		CATERPILLAR	2005	AZZ00342	CAT 740 ARTICULATED EJECTOR
6 27.AT8645		CATERPILLAR	2006	B1R00214	CAT 740 ARTICULATED EJECTOR
6 27.AT8647		CATERPILLAR	2007	B1R00318	CAT 740 ARTICULATED EJECTOR
6 27.AT8641		CATERPILLAR	2003	AZZ00280	CAT 740 ARTICULATED EJECTOR
6 27.AT8648		CATERPILLAR	2008	B1R00389	CAT 740 ARTICULATED EJECTOR
6 27.AT8642		CATERPILLAR	2003	AZZ00281	CAT 740 ARTICULATED EJECTOR
6 29.HR8406				60001	NPK HYD HOE RAM HAMMER 4X
6 29.HR8407			2001	AXC16152	NPK HYD HOE RAM HAMMER 2X
6 29.HR8413			2008	85699	NPK 1500LB HYD HAMMER
6 29.HR8410			2004	76117	NPK E220 HYD HOE RAM HAMMER
6 29.HR8402			1991	26679	NPK HYD HOE RAM HAMMER
6 29.HR8403				33327	NPK HYD HOE RAM HAMMER
6 29.HR8404			1997	52863	NPK HYD HOE RAM HAMMER 16X
6 29.HR8405			1997	34447	NPK HYD HOE RAM HAMMER 16X
6 29.HR8409			2003	71852	NPK E205 HYD HOE RAM HAMMER
6 29.HR8411		NPK	2005	75240	NPK E220 HYD HOE RAM HAMMER
6 29.HR8412		NPK	2007	74916	NPK E205 HOE RAM HAMMER
6 29.PG8031		MORBARK		1981	MORBARK CHIPPER
6 29.PG8030		MORBARK		571-196	MOBARK 1300 TUB GRINDER
6 30.FL6630		ATHEY	1997	740-180	ATHEY 7-12 FROACE FEED LOADER
6 30.RC8190		CAT	2006	6ED00325	CAT RR250 ROAD RECLAIMER
6 30.GR8422		FIAT	1996	85S05140	FIAT FG65C MOTOR GRADER
6 30.GR6421			2001	360	LEEBOY 685 MOTOR GRADER
6 30.GR6420		JOHN DEERE	1989	DW570BX524615	JOHN DEERE 570B GRADER
6 30.GR6424		CATERPILLAR	2005	AMZ00944	CAT 12H MOTOR GRADER
6 30.GR6422		CATERPILLAR	1992	61M14998	CAT 12G MOTOR GRADER
6 30.GR6423		CATERPILLAR	2003	AMZ00644	CAT 12H MOTOR GRADER W/GPS
6 30.GR8423		CATERPILLAR	1997	7WJ00498	CAT 14H MOTOR GRADER W/SONICMASTER
6 30.GR8421		CATERPILLAR	1995	7WJ00060	CAT 14H MOTOR GRADER W/SONICMASTER
6 30.GR8425		CATERPILLAR	2001	7WJ01968	CAT 14H MOTOR GRADER W/GPS
6 30.GR8426		CATERPILLAR	2004	ASE01090	CAT 14H MOTOR GRADER W/GPS
6 30.GR8427		CATERPILLAR	2006	ASE01497	CAT 14H MOTOR GRADER W/GPS
6 30.GR8424		CATERPILLAR	1999	7WJ01285	CAT 14H MOTOR GRADER W/SONICMASTER
6 30.GR8420			1993	93U03480	CAT 16G MOTOR GRADER
6 31.EX8537		CATERPILLAR	2006	CBA02416	CAT 312CL EXCAVATOR W/HAMMER
6 31.EX8544		CATERPILLAR	2008	CBA04501	CAT 312CL EXCAVATOR
6 31.EX8540		CATERPILLAR	2007	PAL00401	CAT 325DL EXCAVATOR
6 31.EX8533		CATERPILLAR	2004	CRB00987	CAT 325CL EXCAVATOR W/THUMB
6 31.EX8526		CATERPILLAR	2002	BFE00180	CAT 325CL EXCAVATOR W/THUMB & HAMMER
6 31.EX8542		CATERPILLAR	2008	0A3R01064	CAT 325DL EXCAVATOR
6 31.EX8520		CATERPILLAR	1998	2JR01626	CAT 325BL EXCAVATOR HOE RAM W/HAMMER

L-M Asphalt Partners, Ltd. dba ATS Construction - 2012 Equipment List

RV/Co	Equipment	Manufacturer	Model/yr	VIN/Number	Description
6 31.EX8529	CATERPILLAR		2003	BFE00853	CAT 322CL EXCAVATOR HOE RAM W/HAMMER
6 31.EX8532	CATERPILLAR		2004	CRB00976	CAT 325CL EXCAVATOR HOE RAM W/HAMMER
6 31.EX8534	CATERPILLAR		2005	BFE01641	CAT 325CL EXCAVATOR
6 31.EX8543	CATERPILLAR		2008	0A3R01072	CAT 325DL EXCAVATOR
6 31.EX8528	CATERPILLAR		2003	BFE00651	CAT 325CL EXCAVATOR HOE RAM W/HAMMER
6 31.EX8530	CATERPILLAR		2004	CRB00791	CAT 325CL EXCAVATOR W/HAMMER
6 31.EX8539	CATERPILLAR		2007	PAL00335	CAT 325DL EXCAVATOR
6 31.EX6521	CATERPILLAR		1999	2JRO2506	CAT 325B EXCAVATOR W/THUMB
6 31.EX8538	CATERPILLAR		2007	MWPO1039	CAT 330DL EXCAVATOR
6 31.EX8535	CATERPILLAR		2005	DKY03554	CAT 330CL EXCAVATOR
6 31.EX8536	CATERPILLAR		2005	KDD01057	CAT 330CL EXCAVATOR
6 31.EX8525	CATERPILLAR		2001	AGS00832	CAT 345B LME EXCAVATOR
6 31.EX8531	CATERPILLAR		2004	AGS02329	CAT 345BL ME II EXCAVATOR
6 31.EX8541	CATERPILLAR		2007	PJW01928	CAT 345C EXCAVATOR
6 31.EX8527	CATERPILLAR		2002	DER00123	CAT 365B LME EXCAVATOR
6 31.EX8545	KOMATSU		2010	55225	KOMATSU PC800LC-8 EXCAVATOR
6 34.AB8813	PRO-TEC		2003	256AB03	PRO-TEC 2200-SE ARROW BOARD
6 34.MM8301	ALLMAND			9904B416	ALLMAND ARROW BOARD
6 34.MM8302	ALLMAND			256AB03	ALLMAND ARROW BOARD
6 34.MM8303	ALLMAND			9904B470	ALLMAND ECLIPSE ARROW BOARD
6 34.MM8304				1093406	PROTECT O FLASH ARROW BOARD
6 34.MM8305	ALLMAND			279AB03	ALLMAND ECLIPSE ARROW BOARD
6 34.MM8306	ALLMAND			0298AB02	ALLMAND ARROW BOARD
6 34.MM8307	ALLMAND			9007B4119	ALLMAND ARROW BOARD
6 34.MM8308				A93-15-001611	PROTECT O FLASH ARROW BOARD
6 34.MM8287	ADDCO			589286	ADDCO DH 1000 MESSAGE BOARD
6 34.MM8288	ADDCO			585610	ADDCO 1000 ALS MESSAGE BOARD
6 34.MM8289	ADDCO			587806	ADDCO DH 1000 MESSAGE BOARD
6 34.MM8290	ADDCO			590835	ADDCO 1000 ALS MESSAGE BOARD
6 34.MM8291	ADDCO			585608	ADDCO DH 1000 ALS MESSAGE BOARD
6 34.MM8292	ADDCO			587897	ADDCO DH 1000 MESSAGE BOARD
6 34.MM8293					MESSAGE BOARD
6 34.MS8812	ADDCO		1999		**USE 34.MM8292**
6 41.PC8041	EXTEC		2006	9983	EXTEC IMPACT CRUSHER
6 43.PC8042	EXTEC		2006	10163	EXTEC S5 SCREEN PLANT
6 46.ZZ0102	H&B				H&B 4,000 LB PLANT 12
6 46.ZZ0103	BARBER GREEN				BARBER GREEN 10,000LB PLANT 13
6 46.ZZ0104	BARBER GREEN				BARBER GREEN 12,000LB PLANT 14
6 46.ZZ0105	BARBER GREEN				BARBER GREEN 10,000LB PLANT 15
6 46.ZZ0106	ASTEC				ASTEC DOUBLE BARREL PLANT 16
6 46.ZZ0112	HEATEC				HEATEC TAV-25E 25,000 GAL AC TANK
6 46.ZZ0113	GEN-TEC			3641	GEN-TEC 15,000 GA AC TANK
6 46.ZZ0114	ADM				ADM RAP BIN AND FEEDER
6 46.ZZ0116	ASTEC				ASTEC RAP CRUSHING/FEEDER SYSTEM
6 46.ZZ0119	HEATEC			H98-213	HEATEC HC-120 HELICAL COIL HEATER
6 46.ZZ0120	GENTEC			C3A11119	GENTEC AGGREGATE FEED SYSTEM
6 46.ZZ0122	HERMAN			0010445-0096924-IN	HERMAN GREANT DC-70 DRYER & ACCY
6 46.ZZ0123	ASTEC			89-139	ASTEC SILO & DRAG CONVEYOR
6 46.ZZ0124	PMI			3242/50-3775	PMI HIS CRUSHER-TYCO SCREEN
6 46.ZZ0125	RELIABLE			1205-12162002	RELIABLE COLD FEED BINS (5)
6 46.ZZ0126	ASTEC			03JR0029.1	ASTEC SBH-71-17 STATIONARY BAGHOUSE
6 46.ZZ0127	BENSHAW			16136-3323	BENSHAW MOTOR CONTROL CENTER
6 46.ZZ0128	MARKLINE			31331	MARKLINE BATCH HOUSE MODEL 1428
6 46.ZZ0130	GENTEC			21239	GENTEC ACCU-BATCH
6 46.ZZ0131	GENTEC			21239	GENTEC ACCU-BATCH
6 46.ZZ0132	GENTEC			21239	GENTEC ACCU-LOAD
6 46.ZZ0133					BURNER TANK & FUEL PUMP
6 46.ZZ0134					OIL-HEATER EXCHANGER
6 46.ZZ0135	HAUCK				HAUCK STAR JET 520-E
6 46.ZZ0138					TURBO RAP GATOR
6 46.ZZ0139					GEAR BOX DRUM

L-M Asphalt Partners, Ltd. dba ATS Construction - 2012 Equipment List

Eq/Co	Equipment	Manufacturer	Model/yr	VIN/Number	Description
6 46.ZZ0140					PM2 BLENDING SYSTEM ASTEC
6 46.ZZ0145	ASTEC				ASTEC PORTABLE DOUBLE BARREL 07-003 PLANT 17/15
6 46.ZZ0146	WINSLOW			84-11070-11	WINSLOW TRUCK SCALE
6 46.ZZ0147	STAR JET				STAR JET BURNER SJ4580F
6 46.ZZ0148	STAR JET				STAR JET BURNER SJ4580F
6 46.ZZ0149					COLD FEED SYSTEM
6 46.ZZ0150	DEISTER				SCREEN DEISTER USM-2414
6 46.ZZ0160					EXHAUST FAN ASSEMBLY 44"
6 50.TK8207	FORD	1993		1FDXK84A9PVA28785	FORD F800 FLATBED
6 50.TK6216	FORD	2011		3FRW6FC2BV369128	FORD F650 FLAT BED/STEAM TRUCK
6 55.TK6351	MACK	1989		VG6BA03B0KB051844	MACK SUPPLY TRUCK
6 55.TK6352	INTERNATIONAL	1992		1HTSDNUN8NH405180	INTERNATIONAL 4900 SUPPLY TRUCK
6 53.TK8302	FORD	1986		1FDNK70U1GVA35439	FORD F7000 FLATBED TRUCK
6 50.TK6353	FORD	1993		1FDXK74C6PVA30943	FORD F700 CREW SUPPLY TRUCK
6 51.TK6360	GMC	1991		1GDL7H1J0MJ504445	GMC TOPKICK SINGLE AXLE DUMP TRUCK
6 51.TK6361	FORD	1996		1FTXR82E1TVA03542	FORD L8000 SINGLE AXLE DUMP TRUCK
6 01.TK6211	FORD	1999		3FDWF36F8XMA19503	FORD F350 DUMP TRUCK
6 51.TK8363	FORD	1999		3FEXF8018XMA07975	FORD F800 DUMP TRUCK SINGLE AXLE
6 51.TK8362	FORD	1995		1FDYU90L7SVA11262	FORD LT9000 DUMP TRUCK
6 51.TK8364	MACK	1999		1M2P324C1XM045131	MACK RD688S DUMP TRUCK
6 51.TK8366	MACK	1999		1M2P324C5XM045133	MACK RD688S DUMP TRUCK
6 51.TK8365	MACK	1999		1M2P324C3XM045132	MACK RD688S DUMP TRUCK
6 52.TK8355	FREIGHTLINER	1999		1FVXJJB6XHB47748	FREIGHTLINER FL80 BOOM TRUCK
6 52.TK8352	FORD	1995		1FDZA90X9SVA72712	FORD LT9000 TRACTOR
6 52.TK6202	MACK	2006		1M1AJ07YX6N004761	MACK CHN613 LOWBOY
6 52.TK8353	STERLING	1999		2FZNNXYB4XAA54556	STERLING LOWBOY TRACTOR
6 52.TK8354	KENWORTH	2006		1XKWPBEX66J160415	KENWORTH W900L TRACTOR
6 53.TK8308	FREIGHTLINER	2001		1FVHBXAK01HG68929	FREIGHTLINER FL80 WATER TRUCK
6 53.TK8305	FORD	1995		1FTYS95B4SVA30457	FORD L9000 WATER TRUCK (4000 GA)
6 53.TK6303	MACK	1991		1M2AA12Y0MW011685	MACK CH613 WATER TRUCK
6 53.TK8306	FORD	1998		1FDZS86F3WVA12985	FORD TANDEM AXLE WATER TRUCK
6 53.TK6304	KENWORTH	1997		1XKDD89X6VR752312	KENWORTH T800 WATER TRUCK
6 53.TK8307	STERLING	1999		2FZNAJBB1XAF47144	STERLING LT7500 WATER TRUCK
6 53.TK8309	INTERNATIONAL	2000		2HSCBAHR5YC071884	INTERNATIONAL 9100 WATER TRUCK
6 52.TK8351	FORD	1988		1FDZA90X9JVA27851	FORD LT9000 WATER TRUCK
6 53.TK6302	MACK	1979		RS686LST21549	MACK RS686 TRUCK
6 53.TK8304	GMC	1987		1GDT9E4Z6HV521310	GMC WATER TRUCK
6 54.TK6342	FORD	2005		3FRXF76P55V163576	FORD F750 DISTRIBUTOR TRUCK
6 54.TK6345	FORD	2007		3FRXF75H37V396899	FORD F750 DISTRIBUTOR TRUCK
6 54.TK6341	INTERNATIONAL	2000		1HTSCABN1YH287394	INTERNATIONAL 4700 DISTRIBUTOR TRUCK
6 55.TK8325	FORD	1999		3FEXF8018XMA12920	FORD F800 GREASE/FUEL TRUCK
6 55.TK6320	FREIGHTLINER	1993		1FV6HFAA5PL416328	FREIGHTLINER FL70 GREASE/FUEL
6 55.TK8321	FREIGHTLINER	1993		1FV6HFAA7PL496554	FREIGHTLINER FL70 FUEL TRUCK (2000 GA)
6 55.TK6322	INTERNATIONAL	2003		1HTMMAAL64H617546	INTERNATIONAL 4300 GREASE TRUCK
6 55.TK6321	FREIGHTLINER	1999		1FV6HLBA3XHF33358	FREIGHTLINER FL70 GREASE/FUEL
6 55.TK8323	FORD	1994		1FDYR90LORVA42400	FORD L9000 FUEL TRUCK (2000 GA)
6 55.TK8326	FREIGHTLINER	2000		1FV6HLBA3YHF33457	FREIGHTLINER FL70 FUEL/GREASE TRUCK
6 55.TK8322	FORD	1994		1FDYR90TXRVA16547	FORD L9000 FUEL/GREASE TRUCK
6 55.TK8320	FORD	1992		1FDXK84A3NVA06309	FORD F800 GREASE TRUCK
6 55.TK8324	FORD	1999		3FEXF8011XMA12919	FORD F800 FUEL TRUCK
6 60.SB9021		2006		SB2500BX821	ROADTEC SB2500C SHUTTLE BUGGY
6 60.SB9020		2000		SB2500BX549	ROADTEC SB2500 SHUTTLE BUGGY
6 61.RW6430	BLAW KNOX	1990		10013-19	BLAW KNOX RW100 ROADWIDNER
6 62.PV6403	BLAW KNOX	1995		18033-03	BLAW KNOX PF 180H PAVER RUBBERTIRE
6 62.PV6404	BLAX KNOX	2002		218101-89	BLAW KNOX PF2181 PAVER RUBBERTIRE
6 62.PV6406	BLAW KNOX			187355	BLAW KNOX PF2181 PAVER RUBBERTIRE
6 62.PV6405	BLAW KNOX	1996		320032-25	BLAW KNOX PF3200 PAVER RUBBERTIRE
6 62.PV9041	BLAW KNOX	2006		190718	BLAW KNOX PF3200 PAVER RUBBERTIRE
6 62.PV9040	BLAW KNOX	2000		320027-76	BLAW KNOX PF3200 PAVER RUBBERTIRE
6 62.PV6407	BLAW KNOX	2001		55103071	BLAW KNOX PF5510 PAVER TRACK
6 63.RL6130	INGERSOLL-RAND	1993		5140DGD	INGERSOLL-RAND ST105 ROLLER

L-M Asphalt Partners, Ltd. dba ATS Construction - 2012 Equipment List

EMCo	Equipment	Manufacturer	ModelYr	VINNumber	Description
6	64.RL8140	CATERPILLAR	1999	4KN00774	CAT CS563 COMPACTION ROLLER SMOOTH
6	64.RL8131	CATERPILLAR	1993	1YJ00380	CAT CP563 COMPACTION ROLLER SHEEPFOOT
6	64.RL8133	CATERPILLAR	1995	5JN00105	CAT CP563 COMPACTION ROLLER SHEEPFOOT
6	64.RL8144	CATERPILLAR	2000	9MW00564	CAT 563C COMPACTION ROLLER SMOOTH
6	64.RL8146	CATERPILLAR	2005	9ZW00537	CAT CP563 COMPACTION ROLLER SHEEPFOOT
6	64.RL8134	CATERPILLAR	1996	5JN00248	CAT CP563 COMPACTION ROLLER SHEEPFOOT
6	64.RL8141	CATERPILLAR	2001	9ZW00441	CAT 563D COMPACTION ROLLER SHEEPFOOT
6	64.RL8138	CATERPILLAR	1997	6RN00339	CAT 825G COMPACTION ROLLER
6	64.RL8132	CATERPILLAR	1995	86X01157	CAT 825C COMPACTION ROLLER
6	64.RL8142	CATERPILLAR	2003	AXB00445	CAT 825G II COMPACTION ROLLER
6	64.RL8143	CATERPILLAR	2003	AXB00446	CAT 825G II COMPACTION ROLLER
6	64.RL8145	CATERPILLAR	2004	AXB00486	CAT 825G II COMPACTION ROLLER
6	64.RL8130	CATERPILLAR	1991	86X01004	CAT 825C COMPACTION ROLLER
6	64.RL8149		2005		WACKER RD11A ROLLER
6	64.RL6132	WACKER	1998	769301571	WACKER RD11A ROLLER
6	64.RL6133	INDERSOLL-RAND	2002	169693	INGERSOLL-RAND DD30 ROLLER
6	64.RL6134	INDERSOLL-RAND	2003	173864	INGERSOLL-RAND DD30 ROLLER
6	64.RL8139	CATERPILLAR	1999	5HN00498	CAT CB534C COMPACTION ROLLER STONE
6	64.RL9031	INGERSOLL RAND	1994	5361	INGERSOLL RAND DD110 ROLLER STONE
6	64.RL8137	CATERPILLAR	1995	4JL00187	CAT CB534B DOUBLE DRUM ROLLER STONE
6	64.RL6136	CATERPILLAR	1998	5HN00425	CAT 534C ROLLER STONE
6	64.RL9030	INGERSOLL RAND	1994	5357	INGERSOLL RAND DD110 ROLLER STONE
6	64.RL6140	INGERSOLL-RAND	2007	194224	INGERSOLL-RAND DD118HF ROLLER ASPHALT
6	64.RL8135	CATERPILLAR	1995	4JL00176	CAT CB534B DOUBLE DRUM ROLLER STONE
6	64.RL6135	CATERPILLAR	1995	4JL00183	CAT CB-534B COMPACTOR STONE
6	64.RL6137	INGERSOLL-RAND	2002	170016	INGERSOLL-RAND DD90 ROLLER ASPHALT
6	64.RL6138	INGERSOLL-RAND	2002	170017	INGERSOLL-RAND DD90 ROLLER ASPHALT
6	64.RL6139	INGERSOLL-RAND	2001	166397	INGERSOLL-RAND DD110HF ROLLER ASPHALT
6	64.RL8147	CATERPILLAR	2005	5HN00725	CAT CB534 DOUBLE DRUM ROLLER STONE
6	65.RL6131	BOMAG	1988	106610020173	BOMAG BW 12R RUBBERTIRE ROLLER ASPHALT
6	69.MM9002	CATERPILLAR	2006	PM200JP1C000304	CAT PM200 MILLING MACHINE
6	69.MM9001	CATERPILLAR	2006	PM201KPM00211	CAT PM201 MILLING MACHINE
6	71.PV8401		2005	26B50102	TERRAMITE SCREED CONCRETE
6	71.CM8030			MC14947-40	GOMACO EC100C CURB EXTRUDER
6	71.CM8020	GOMACO	1989	MC16436-01	GOMACO GT-6000 WALL MACHINE
6	71.CM8023	POWER CURBER	2006	57B03060131698	5700B POWER CURBER
6	71.CM8022	POWER CURBER	2000	601200367	5700B POWER CURBER
6	74.DR8403		2009	1352182	FURUKAWA HCR1200-ED HYDRAULIC DRILL
6	74.DR8402		2009	1352214	FURUKAWA HCR1200-ED HYDRAULIC DRILL
6	76.AC8901	INGERSOLL RAND			INGERSOLL RAND 250 CFM AIR COMPRESSOR
6	88.CS8096				CONCRETE SAW
6	88.WB8960				CONCRETE FLOOR SAW
6	88.RL8103	RAMMAX	2001	330887	RAMMAX P33HMR ROLLER
6	88.RL8102	RAMMAX	1999	325581	RAMMAX RW1404 ROLLER
6	88.GP8010	TRIMBLE			TRIMBLE GPS BASE D6N LGP, SN8900 RAD
6	88.GP8011	TRIMBLE			TRIMBLE GPS BASE D6N LGP, SN8900 RAD
6	88.GP8104				SPS882 ROVER/BASE
6	88.GP8105			49394022346	SPS882 ROVER/RADIO KIT
6	88.MM8000				TROXLER 3450 GAUGE
6	88.MM8281		2003		CORE DRILL
6	88.MM8312				TOPCON PIPE LASER
6	88.MM8313			VF1096	TOPCON PIPE LASER
6	88.MM8314			VF1242	TOPCON PIPE LASER
6	88.MM8341		2004		TRIMBLE MS750
6	88.MM8342	TRIMBLE	2004		TRIMBLE MS750
6	88.MM8343	TRIMBLE			GPS MS750 CONTROLLER
6	88.MM8357	TRIMBLE			GPS TSC2 CONTROLLER
6	88.MM8359				GPS CONTROLLER SSC25A6665 (SS25A17794 SC11.32)
6	88.MM8433				TOPCAN BLAWKNOX PAVER ELECTRONICS
6	88.MM8434			10320570/13020563	TOPCON 5500V SYST V2 TRACKER
6	88.MM8464	TRIMBLE			TRIMBLE SITEVISION

L-M Asphalt Partners, Ltd. dba ATS Construction - 2012 Equipment List

EMCo	Equipment	Manufacturer	ModelYr	VINNumber	Description
6 88.	PL8930	TOPCON	2006	VF1251	TOPCON PIPE LASER TPL4GV
6 88.	PL8936			0532	AGTEC GRADE LASER
6 88.	SE6104			1301248	DIAMON CORE SAW MOUNTED ON TK
6 88.	SE6930	TRIMBLE	2008	3417J011SM	TRIMBLE GPS MACHINE
6 88.	WT6303				WATER TANK FOR TRUCK
6 88.	WT6304				WATER TANK FOR TRUCK 4000 GA
6 91.	ZZ0137				NCAT ASPHALT FURNACE
6 88.	LP6013			071407	MAGNUM PORTABLE LIGHT PLANT
6 88.	LP8013		1992		ALLMAND LIGHT PLANT
6 88.	LP8010		1991		ALLMAND LIGHT PLANT
6 88.	LP6012			20077	TEREX PORTABLE LIGHT PLANT
6 88.	LP6014			71405	MAGNUM PORTABLE LIGHT PLANT
6 88.	LP8014		2007	1266PR008	ALLMAND LIGHT PLANT
6 88.	LP6010			5570795	WACKER PORTABLE LIGHT PLANT
6 88.	LP6011			901553	NIGHT HAWK LT12 PORTABLE LIGHT PLANT
6 88.	LP8015		2007	1267PR008	ALLMAND NL6 LIGHT PLANT
6 88.	LP8011		1991		ALLMAND LIGHT PLANT
6 88.	LP8012		1992		ALLMAND LIGHT PLANT
6 88.	LP8090			REMOTE LIGHTING SYSTEM	PELICAN 9450B LIGHT SYSTEM
6 88.	MM8284			16647	VERMEER V-450 TRENCHER PORTABLE
6 88.	SB8901		1991	SD2933	FINN B70 BALE STRAW BLOWER
6 88.	WP8928		2008	1424063	GORMAN RUPP 6" WATER PUMP
6 88.	MM8278			RBG 00208	MILLING HEAD SKID STEER ATTACHMENT
6 88.	MM8285				VERMEER 1250 WOOD CHIPPER
6 88.	MM8001		2001	600436	HUSQVARNA 395XP CHAIN SAW
6 88.	MM8002			064000051	HUSQVARNA 3120XP CHAIN SAW
6 88.	MM8003		2008	3500747	HUSQVARNA 460 CHAIN SAW
6 88.	MM8004		2007	0200069	HUSQVARNA 570 CHAIN SAW
6 88.	MM8005		2010	092000597	HUSQVARNA 346XP 20" CHAIN SAW
6 88.	MM8006		2010	092200779	HUSQVARNA 346XP 20" CHAIN SAW
6 88.	MM8007		2008	3500826	HUSQVARNA 460 20" CHAIN SAW
6 88.	MM8008		2005	1300264	HUSQVARNA 365SP 18" CHAIN SAW
6 88.	MM8009		2010	080300094	HUSQVARNA 570 20" CHAIN SAW
6 88.	MM8010			7HVX0505EA	HUSQVARNA 346XP CHAIN SAW
6 88.	MM8011	STIHL		282963150	STIHL 20' CHAIN SAW
6 88.	MM8051		2002	46969006	STIHL TS350 CONCRETE SAW
6 88.	MM8052		2004	160876653	STIHL TS400 CONCRETE SAW
6 88.	MM8053		2004	160876641	STIHL TS400 CONCRETE SAW
6 88.	MM8054		2005	163008897	STIHL TS400 CONCRETE SAW
6 88.	MM8055		2006	64689721	STIHL TS400 CONCRETE SAW
6 88.	MM8056		2008	168364515	STIHL TS420 CONCRETE SAW
6 88.	MM8057		2009	170507606	STIHL TS420 CONCRETE SAW
6 88.	MM8058		2009	170507683	STIHL TS420 CONCRETE SAW
6 88.	MM8059			165437698	STIHL TS400 14" CONCRETE SAW
6 88.	MM8060		2010	170678666	STIHL TS420 14" CONCRETE SAW
6 88.	MM8061			168364559	STIHL TS420 CONCRETE SAW
6 88.	MM8062		2007	167970557	STIHL TS420 CONCRETE SAW
6 88.	MM8063			170678665	STIHL TS420 14" CONCRETE SAW
6 88.	MM8064			167166594	STIHL TS420 14" CONCRETE SAW
6 88.	MM8065			166065292	STIHL TS400 14" CONCRETE SAW
6 88.	MM8066			9675	SOFF-CUT ELEC CONCRETE SAW
6 88.	MM8067			167466184	STIHL CONCRETE SAW
6 88.	MM8068				STIHL CONCRETE SAW
6 88.	MM8069				STIHL TS420 CONCRETE SAW
6 88.	MM8070	STIHL			STIHL TS420 CONCRETE SAW
6 88.	MM8071			1677972495	STIHL TS420 14" CONCRETE SAW
6 88.	MM8072				STIHL TS400 CONCRETE SAW
6 88.	MM8073			167104371	STIHL CONCRETE SAW
6 88.	MM8074			173069202	STIHL TS 420 CONCRETE SAW
6 88.	MM8075			173069254	STIHL TS 420 CONCRETE SAW
6 88.	MM8076			173069258	STIHL TS 420 CONCRETE SAW

L-M Asphalt Partners, Ltd. dba ATS Construction - 2012 Equipment List

EMCo	Equipment	Manufacturer	ModelYr	VINNumber	Description
6 88.MM8100			2010	EZGA-1212161	HONDA EU1000I GENERATOR
6 88.MM8101			2010	EZGA-1212160	HONDA EU1000I GENERATOR
6 88.MM8102				EZGA-1150513	HONDA EU1000 GENERATOR
6 88.MM8103				EZGA-1151496	HONDA EU1000 GENERATOR
6 88.MM8104				1017118	HONDA 3800 GENERATOR
6 88.MM8105			2002	3154229	HONDA EB 3500X GENERATOR
6 88.MM8106			2005	1011875	HONDA EG3800 XA GENERATOR
6 88.MM8107			2005	1006811	HONDA EB3800 GENERATOR
6 88.MM8108			2009	CHM1520360	HUSKY 5000W GENERATOR
6 88.MM8109				1412364	HUSKY 5000W GENERATOR
6 88.MM8110				4765119	HONDA GENERATOR
6 88.MM8111				65204042	HONDA EB3800X GENERATOR
6 88.MM8112				EAAJ-1863405	HONDA EU2000 GENERATOR
6 88.MM8113				EAJC 1011871	HONDA GENERATOR
6 88.MM8114			2003	CHM 1520388	HUSKY 5000W GENERATOR
6 88.MM8115				38008W161612	ALL POWER 6000W GENERATOR
6 88.MM8116	MULTI-QUIP			5559742	MULTI-QUIP GA 2.5H GENERATOR
6 88.MM8117	MULTI-QUIP			5559738	MULTI-QUIP GA 2.5H GENERATOR
6 88.MM8118	HONDA			GC04-804923	HONDA GENERATOR
6 88.MM8119	MULTI-QUIP			5560010	MULTIQUIP3600 GA 3.6 HA GENERATOR
6 88.MM8120				00008081 UA01	INGERSOLL-RAND GENERATOR
6 88.MM8121				00124672 UA01	INGERSOLL-RAND G5H GENERATOR
6 88.MM8122	MULTI-QUIP		2009	5620293	MULTI-QUIP 2500 GENERATOR
6 88.MM8123				EAAJ-1863405	HONDA EV2000 INVERTER
6 88.MM8124	MULTI-QUIP		2007	5559742	MULTI-QUIP 2500 WATT GENERATOR
6 88.MM8125	MULTI-QUIP		2007	5559825	MULTI-QUIP 2500 WATT GENERATOR
6 88.MM8126	HONDA		1999	3138101	HONDA EB3500X GENERATOR
6 88.MM8127	HONDA		2001	3150924	HONDA EB3500X GENERATOR
6 88.MM8128	UNITED POWER				UNITED POWER 5500 WATT GENERATOR
6 88.MM8129	HONDA			3161999	HONDA EB3500 GENERATOR
6 88.MM8130				39008X230443	ALL POWER 6000 WATT ELECTRIC GENERATOR
6 88.MM8151				98013	1 1/2 PACIFIC HYDROSTAR WATER PUMP
6 88.MM8152				D10268	1 1/2 SUBMERSIBLE WATER PUMP
6 88.MM8153			2002	4045D	THOMPSON 6V 880 WATER PUMP
6 88.MM8154			2008	1424063	GORMAN RUPP 6" WATER PUMP
6 88.MM8155				423942	1 1/2 SUBMERSIBLE WATER PUMP
6 88.MM8156				3TH-16405	MULTQUIP 3" WATER PUMP
6 88.MM8157				3TH-16406	MULTQUIP 3" WATER PUMP
6 88.MM8158				D10019	1 1/2 SPA SUBMERSIBLE WATER PUMP
6 88.MM8159				GC 02-721376	2" NORTH STAR HIGH PRESSURE WATER PUMP
6 88.MM8160				5451038	WACKER 3" WATER PUMP
6 88.MM8161			1998	562630	1 1/2 SUBMERSIBLE WARREN WATER PUMP
6 88.MM8162				366152	MULTIQUIP ST2005CUL 2" SUBMERSIBLE WATER PUMP
6 88.MM8163				1293543	GORMAN-RUPP WATER PUMP
6 88.MM8164				152 FAPLO9D18655	1 1/2 PACIFIC HYDROSTAR WATER PUMP
6 88.MM8165			2004	5469971	WACKER 4" WATER PUMP
6 88.MM8201				274109351	STIHL BR550 BLOWER
6 88.MM8202				282723347	STIHL BG86 BLOWER
6 88.MM8203				267210687	STIHL BR550 BLOWER
6 88.MM8204				104662	TROY-BILT BLOWER
6 88.MM8211				67369	MILLER TRAILBLAZER 301G WELDER
6 88.MM8212			2004	1250-008314	MILLER 1250 HYPERHEM POWERMAX 150 WELDER
6 88.MM8213			2002	LC 46408	MILLERMATIC 251 MIG WELDER
6 88.MM8214				LH 160111Q	TRAILBLAZER 302 WELDER
6 88.MM8215			2007	LH 470036Q	MILLER 302 TRAILBLAZER WELDER
6 88.MM8216			2005	LF 113178 STK907	MILLER 302 TRAILBLAZER WELDER
6 88.MM8217			2007	LH 180137Q	MILLER 302 TRAILBLAZER WELDER
6 88.MM8218			2007	LH 420120Q	MILLER 302 TRAILBLAZER WELDER
6 88.MM8219			2006	LG 028735	MILLER BOBCAT 225 WELDER
6 88.MM8220			2007	LH 400243V	MILLER SUITCASE XTREME 12VS WELDER
6 88.MM8221			2007	LH 400266V	MILLER SUITCASE XTREME WELDER

L-M Asphalt Partners, Ltd. dba ATS Construction - 2012 Equipment List

EMCo	Equipment	Manufacturer	Model/Yr	VIN/Number	Description
6 88.MM8222				LE 318337	MILLER SUITCASE 12VS WELDER
6 88.MM8231				03280626	J-AIR COMPRESSOR
6 88.MM8232				176359	INGERSOLL-RAND 185 AIR COMPRESSOR
6 88.MM8233				004-133589	SULLAIR 375 AIR COMPRESSOR
6 88.MM8234					ATLAS COPCO 175 AIR COMPRESSOR
6 88.MM8235					INGERSOLL-RAND 250 AIR COMPRESSOR
6 88.MM8251					CONCRETE VIBRATOR
6 88.MM8252					CONCRETE VIBRATOR
6 88.MM8253					CONCRETE VIBRATOR
6 88.MM8254					CONCRETE VIBRATOR
6 88.MM8255					CONCRETE VIBRATOR
6 88.MM8256					CONCRETE VIBRATOR
6 88.MM8257					CONCRETE VIBRATOR
6 88.MM8258					CONCRETE VIBRATOR
6 88.MM8261				TG1576	INGERSOLL-RAND PLATE COMPACTOR
6 88.MM8262					MIKASA P180 PLATE COMPACTOR
6 88.MM8263					MIKASA PLATE COMPACTOR
6 88.MM8264				6667245	WACKER WP1550 PLATE COMPACTOR
6 88.MM8265					INGERSOLL-RAND PLATE COMPACTOR
6 88.MM8266					MIKASKA TAMPER PLATE COMPACTOR
6 88.MM8267				J 8313	MIKASA SANGYO SKID COMPACTOR
6 88.MM8268	WACKER			6520530	WACKER SKID COMPACTOR
6 88.MM8269				5465157	WACKER TAMPER
6 88.MM8270				F4227	MIKASA PLATE COMPACTOR
6 88.MM8271			2009	5848732	WACKER BFS202DAS FLOOR SAW
6 88.MM8272			2010	02100010209	HUSQUARNA FLOOR SAW
6 88.MM8273				162011203	TAMP VIBRATOR PLATE
6 88.MM8274				6657615	WACKER PLATE COMPACTOR
6 88.MM8279				3902980404	MILLING HEAD SKID STEER ATTACHMENT
6 88.MM8280				RDG 00116	MILLING HEAD SKID STEER ATTACHMENT
6 88.MM8282				RBG 00208	MILLING HEAD SKID STEER ATTACHMENT
6 88.MM8315				33866	TYPE 150
6 88.MM8316				4900-9592	LASER LB-10
6 88.MM8317				53031	SPECTRA TRIMBLE PRECISION
6 88.MM8471				139257	BROOM SKID STEER ATTACHMENT
6 88.MM8472				AZN02792	BROOM SKID STEER ATTACHMENT
6 88.MM8473				DBP00675	BROOM SKID STEER ATTACHMENT
6 88.MM8474				AZN01627	BROOM SKID STEER ATTACHMENT
6 88.MM8475				ACE00828	BROOM SKID STEER ATTACHMENT
6 88.MM8481				JAJ 9154	TRENCHER SKID STEER ATTACHMENT
6 88.MM8482				JAJ 00801	TRENCHER SKID STEER ATTACHMENT
6 88.MM8483				JAJ 1449	TRENCHER SKID STEER ATTACHMENT
6 88.MM8484				JAJ02089	TRENCHER SKID STEER ATTACHMENT
6 88.MM8486				PRSS2G000268	BRUSH SKID STEER ATTACHMENT
6 88.MM8487				PRSSDB001400	BLADE SKID STEER ATTACHMENT
6 88.MM8488				ADP00595	ROCK SKID STEER ATTACHMENT
6 88.MM8489	KWIK-PIK			64-5-89	ROCK LOFTNESS SKID STEER ATTACHMENT
6 88.MM8490				901B	LODGERING SKID STEER ATTACHMENT
6 88.MM8491				RCW 19399	FORK SKID STEER ATTACHMENT
6 88.MM8511	NAT'L BD 19362			19480	CLEMCO ABRASIVE BLAST MACHINE
6 88.MM8515				129213VB62	IR BALLOON LIGHTS
6 88.MM8516				123387	IR BALLOON LIGHT
6 88.MM8517				0C808562	AIR STAR BALLOON LIGHT
6 88.MM8518					IR BALLOON LIGHT
6 88.SB9020					***DO NOT USE*** CHANGED TO 60.SB9020
6 88.SB9021					***DO NOT USE*** CHANGED TO 60.SB9021
6 88.SE6001			2007	03070177	5300 BTU PRESSURE WASHER
6 88.325C422				RCW16125	42" BUCKET FITS 325 W/C LINK
6 88.330D661					66" BUCKET FITS 330 D LINKAGE
6 88.GP8101	TRIMBLE		2007		TRIMBLE GPS SPS850 BASE STATION
6 88.GP8103	TRIMBLE				TRIMBLE GPS GCS900 DUAL GRADER

L-M Asphalt Partners, Ltd. dba ATS Construction - 2012 Equipment List

EMCo	Equipment	Manufacturer	ModelYr	VINNumber	Description
6 88.MM8276				66018	ALITEC CP24AT PLANER
6 88.MM8277					CAT PC204
6 88.PL8925		TOPCON	2004	VF0442	TOPCON TPL4GV
6 88.PL8931		TOPCON	2009	VF1704	TOPCON TP-L4GC PIPE LASER
6 90.FT8704					FUEL TANK OFF ROAD DIESEL
6 90.FT8705					FUEL TANK OFF ROAD
6 90.FT8708					FUEL TANK OFF ROAD DIESEL
6 90.FT8709					FUEL TANK ON ROAD DIESEL
6 90.FT8710					FUEL TANK GASOLINE
6 91.BLDG1					OLD FRANKFORT PIKE BLDG - LAB

TC 14 - 2
Rev. 2/05

CERTIFICATE NO.

A 2012
01947

Kentucky UNBRIDLED SPIRIT™

Certificate of Eligibility

ISSUED BY
COMMONWEALTH OF KENTUCKY
TRANSPORTATION CABINET

This Certifies that L-M ASPHALT PARTNERS LTD D/B/A ATS CONSTRUCTION
3009 ATKINSON AVENUE SUITE 400
LEXINGTON KY 40509

is hereby qualified to accept a contract or subcontract on projects of the Department of Highways for such a period as uncompleted work under prime contract at any time does not exceed the aggregate amount of UNLIMITED. This certificate which expires December 31, 2012 is subject to revision or revocation, and is extended to 120 days from this expiration date. An application for renewal of this certificate must be filed within ninety days after the above date.

TYPES OF WORK

- A GRADE AND DRAIN
- C1 ASPHALT PAVING OPTION B
- E1 BRIDGES NOT MORE THAN 70 FT. CLEAR SPAN
- B PORTLAND CEMENT CONCRETE PAVING
- C2 ASPHALT PAVING OPTION A

STATE HIGHWAY ENGINEER
DEPARTMENT OF HIGHWAYS

BY

April 16, 2012

DATE ISSUED:



Attachment " B "

**L-M Asphalt Partners, Ltd.
dba ATS Construction**

- 1) Mr. Ryan Griffith, Director
Kentucky Transportation Cabinet
200 Mero Street, Mail Code 3-1
Frankfort, Kentucky 40622
(502) 564-3500**

- 2) Mr. Sam Williams
Lexington – Fayette Urban County Government
Director of Streets and Roads
1555 Old Frankfort Pike
Lexington, Kentucky 40504
(859) 258-3451**

- 3) Mr. Mark Day
Lexington – Fayette Urban County Airport Board
Office of Planning and Development
Blue Grass Airport
4000 Terminal Drive, Suite 206
Lexington, Kentucky 40510
(859) 425-3107**

ATTACHMENT " B "

L-M Asphalt Partners, Ltd. dba ATS Construction

<u>Internal Project Number</u>	<u>Type Of Work</u>	<u>Award Date</u>	<u>Owner's Name</u> <u>Prime Contractors Name</u>	<u>Joint, Prime Or Sub</u>	<u>Total Amount</u>		<u>Completion Date</u>
					<u>Of Contract</u>	<u>Or Subcontract</u>	
6500	HMA Paving	04/06	Bluegrass Airport Phase IIIA Bluegrass Airport Board	Prime	\$ 13,300,641.53		12/06
6524	HMA Paving	03/06	Keenland Race Track and Parking Areas Central Rock Mineral Company	Sub	\$ 765,727.05		09/06
6525	Agg/HMA	04/06	Sayre Athletic Complex Sayre School - Owner	Prime	\$ 208,785.24		12/06
6526	Agg/HMA	04/06	Blackford Unit 1 Phase 3 Ball Homes - Owner	Prime	\$ 208,808.48		12/06
6527	Agg/HMA	04/06	Still Meadow Property Elza Reclamation and Construction Company	Sub	\$ 110,473.09		12/06
6529	Agg/HMA	05/06	Lowe's of Lexington Gioffre Companies, Inc.	Sub	\$ 386,500.00		12/06
6532	Agg/HMA	05/06	The Reserve at Tates Creek Central Rock Mineral Company - Prime	Sub	\$ 86,072.31		12/06
6533	Agg/HMA	05/06	University of Kentucky Shively Field Parking University of Kentucky	Prime	\$ 103,538.28		07/06
6538	HMA Paving	05/06	US Post Office Parking Lot Rehabilitation Three R Construction Company, Ltd.	Sub	\$ 126,162.18		09/06
6543	Agg/HMA	05/06	Newtown Springs - Citation Boulevard Rosenstein Development - Owner	Prime	\$ 622,129.30		12/06
6545	Agg/HMA	05/06	Newtown Springs Phase 1 Central Rock Mineral Company - Prime	Sub	\$ 215,049.93		12/06
6548	Agg/HMA	07/06	War Admiral Retail Center Madden Development - Owner	Prime	\$ 662,948.71		12/07
6550	HMA Paving	07/06	LFUCG 2006-2007 Resurfacing LFUCG - Owner	Prime	\$ 5,315,576.81		07/07
6556	Agg/HMA	10/06	Sunny Slope - Phase 7 Ball Homes - Owner	Prime	\$ 230,743.40		12/07
6558	Agg/HMA	12/06	Gess Property Phase 2 Central Rock Mineral Company - Prime	Sub	\$ 156,277.19		12/07

ATTACHMENT " B "

L-M Asphalt Partners, Ltd. dba ATS Construction

<u>Internal Project Number</u>	<u>Type Of Work</u>	<u>Award Date</u>	<u>Owner's Name</u> <u>Prime Contractors Name</u>	<u>Joint, Total Amount</u>		<u>Completion Date</u>
				<u>Prime Or Sub</u>	<u>Of Contract Or Subcontract</u>	
6559	HMA Paving	8/06	LFUCG - 2006-2007 County Roads LFUCG - Owner	Prime \$	325,659.23	06/07
6560	Agg/HMA	10/06	Polo Club Blvd Expansion The Walker Company of Kentucky	Sub \$	430,782.78	10/06
6561	Agg/HMA	06/06	Writt Station Subdivision Anderson Communities - Owner	Prime \$	124,882.90	12/06
6562	Agg/HMA	06/06	Newtown Springs Townhomes Central Rock Mineral Company - Prime	Sub \$	96,191.42	12/06
6563	HMA Paving	04/06	RJ Corman Farm Roads RJ Corman Railroad Company	Prime \$	255,974.41	10/06
6568	HMA Paving	04/06	Vulcan Central Quarry Site Improvement Vulcan Materials	Prime \$	124,171.72	10/06
6571	Grade & Drain/Concrete	10/07	KYTC (Eaton Asphalt) Grant Co. I-75 IM NH 75-6 (96) / 07-1151	Sub \$	8,975,813.19	-
6573	Grade & Drain/Concrete	10/07	KYTC (Eaton Asphalt) Grant Co. I-75 IM NH 75-6 (95) 146 / 07-1149	Sub \$	21,326,077.35	-
6574	Grade & Drain/Concrete HMA/Agg	8/07	KYTC Fayette Co. I-75/I-64 IM 75 -4 (61) / 07-1156	Prime \$	24,331,325.22	-
6575	Grade & Drain/Concrete HMA/Agg	7/07	KYTC Fayette Co. Liberty/Todds Rd. DPR 0035 (004) / 07-1127	Prime \$	7,490,784.24	-
6576	Grade & Drain/Concrete HMA/Agg	3/07	KYTC Fayette Co. I-75/I-64 IM 75-4(59) / 07-1022	Prime \$	14,067,638.49	-
6577	Grade & Drain/Concrete	11/06	KYTC Scott Co. I-75 I 75-6 (93) 138 / 06-1055	Prime/JV \$	49,880,219.04	-
6578	Grade & Drain/Concrete	11/06	KYTC (Eaton Asphalt) Grant Co. I-75 IM NH 75-6 (94) 151 / 06-1257	Sub \$	3,145,633.95	-
6579	Grade & Drain/Concrete	10/06	Newtown Pike Design Build 06-9002	Prime \$	11,025,931.51	-
6580	Grade & Drain/Concrete	7/06	KYTC Fayette Co. I-75/I-64 IM 75 -4(57)110 / 06-1038	Prime \$	25,070,242.99	-

ATTACHMENT " B "

L-M Asphalt Partners, Ltd. dba ATS Construction

Internal Project Number	Type Of Work	Award Date	Owner's Name Prime Contractors Name	Joint,		Completion Date
				Prime Or Sub	Total Amount Of Contract Or Subcontract	
6582	Grade & Drain/Concrete	11/05	KYTC Scott Co. US62 STPR 5198 (008) / 05-1237	Prime	\$ 10,886,025.17	-
6583	Grade & Drain/Concrete	9/05	KYTC Kenton Co. Turkeyfoot Rd. PH III STPM 8122(21) / 05-1142	Prime	\$ 14,570,168.48	-
6584	Grade & Drain/Concrete	8/05	KYTC Kenton Co. KY 17 & KY 16 FD04 059 0017 009-016 / 05-1137	Prime	\$ 7,830,839.13	10/08
6585	Grade & Drain/Concrete	6/05	KYTC (Eaton Asphalt) Grant Co. I-75 IM NH 75-7(124) / 05-1127	Sub	\$ 12,259,743.04	-
6707	Agg/HMA	03/07	Fayette County In-Place Maintenance James Mitchell II	Prime	\$ 211,906.17	03/08
6713	Agg/HMA	07/07	Fayette County Public Schools Fayette County Board of Education	Prime	\$ 170,337.67	07/08
6726	HMA Paving	04/07	2007 Spring City Resurfacing LFUCG - L. McMillian	Prime	\$ 12,514,323.15	07/08
6727	Agg/HMA	03/07	LFUCG Sanitary & Storm Sewers Bluegrass Contracting Corporation	Sub	\$ 177,652.88	11/07
6730	HMA Paving	05/07	Clark Properties Unit 1 Phase 2 Woodall Construction Company	Sub	\$ 154,867.24	12/08
6733	HMA Paving	05/07	St. Joseph East Parking Area Lenco Excavation Inc.	Sub	\$ 106,585.56	12/07
6736	HMA Paving	06/07	Woolridge Subdivision Woodall Construction Company	Sub	\$ 807,099.80	12/09
6738	Aggregate	06/07	East Reynolds & Lansdowne Drive LFUCG - Engineering	Prime	\$ 313,503.29	12/07
6739	Agg/HMA	10/06	Providence Place Parkway Anderson Communities - Owner	Sub	\$ 311,493.16	12/07
6746	Agg/HMA	08/07	Bluegrass Aspendale LFUCG - Housing Authority	Sub	\$ 549,335.00	12/07
6750	HMA Paving	03/07	Glencagles Unit 1 Phase 2 Ball Homes - Owner	Sub	\$ 109,794.00	12/07
6752	Agg/HMA	03/07	Myers Property Ball Homes - Owner	Prime	\$ 161,178.02	12/07

ATTACHMENT " B "

L-M Asphalt Partners, Ltd. dba ATS Construction

Internal Project Number	Type Of Work	Award Date	Owner's Name Prime Contractors Name	Joint, Prime Or Sub	Total Amount		Completion Date
					Of Contract	Or Subcontract	
6753	HMA Paving	07/07	LFUCG 2007-2008 County Roads LFUCG - Streets & Roads	Prime	\$ 452,590.00		07/08
6754	Agg/HMA	10/07	JM Smucker Plant Load Dock Area JM Smucker Company	Prime	\$ 198,760.00		11/07
6757	Agg/HMA	09/07	Cigar Lane - KY Horse Park Bluegrass Contracting Corporation	Sub	\$ 610,730.00		06/08
6759	HMA Paving	09/07	St Joe East Parking Lot Lenco Excavation Inc.	Sub	\$ 153,417.25		12/07
6760	Agg/HMA	10/07	Paul Miller Ford Parking Area Paul Miller Ford	Prime	\$ 133,465.00		12/07
6767	Grade & Drain/Concrete HMA/Agg	11/07	KYTC Fayette Co. NH 268-2 (005) / 07-1178	Prime	\$ 6,134,884.34		-
6769	Agg/HMA	10/07	Meadows/Northland/Arlington LFUCG	Prime	\$ 93,739.03		12/08
6603	Grade & Drain	10/07	Providence Place Parkway Anderson Communities - Owner	Prime	\$ 1,087,534.00		12/08
6595	Grade & Drain, HMA	09/07	Gess Parcel 6 Ball Homes - Owner	Prime	\$ 1,397,626.00		12/08
6592	Grade & Drain, HMA	09/07	Mahan Subdivision Ball Homes - Owner	Prime	\$ 2,519,071.00		12/08
6591	Grade & Drain, HMA	09/07	Mahan Apartments RML LLC	Prime	\$ 765,141.49		12/08
6572	Grade & Drain, HMA	09/07	Starshoot Parkway LFUCG	Prime	\$ 1,862,373.00		12/08
6589	Grade & Drain, HMA	10/07	Louden Avenue LFUCG	Prime	\$ 4,759,990.02		12/08
6782	Grade & Drain, HMA	11/07	Greendale Hills Ball Homes - Owner	Prime	\$ 1,392,261.00		12/08
6781	Grade & Drain, HMA	10/07	Keene Mansion Keeneland	Prime	\$ 372,019.00		12/08
6783	Grade & Drain/Concrete	10/07	KYTC Boone Co. KY 237 STPR 8200 (008) / 07-1161	Prime	\$ 23,021,750.82		-

ATTACHMENT " B "

L-M Asphalt Partners, Ltd. dba ATS Construction

Internal Project Number	Type Of Work	Award Date	Owner's Name Prime Contractors Name	Joint, Prime Or Sub	Total Amount		Completion Date
					Of Contract	Subcontract	
6799	Grade & Drain/Concrete HMA/Agg	9/07	KYTC Cumberland Co. KY90-KY61 DB 02900900741 / 07-9041	Prime/JV	\$ 53,167,078.16		-
6807	Agg/HMA	03/08	Fayette County In-Place Maintenance James Mitchell II	Prime	\$ 1,024,218.00		03/09
6813	Agg/HMA	07/08	Fayette County Public Schools Fayette County Board of Education	Prime	\$ 294,563.75		07/09
6820	Grade & Drain	01/08	Noland Phase 6 Redevelopment JAH Nicholasville Investments	Prime	\$ 367,488.15		12/08
6822	Grade & Drain	03/08	Paved Trail Unit Price 2008 LFUCG	Prime	\$ 257,484.05		12/08
6846	Grade & Drain, HMA	04/08	Saint Joseph Hospital Temp Parking Area Congleton-Hacker Company	Sub	\$ 292,371.00		12/08
6847	Grade & Drain, HMA	04/08	Glens @ Greendale Phase 1 & 2 Beazer Homes, Inc.	Sub	\$ 135,195.98		12/08
6848	Concrete, Grade, Drain, HMA	06/08	Bluegrass Airport Taxiway D Relocation Bluegrass Airport Board	Prime	\$ 2,513,797.85		12/08
6850	Grade & Drain, HMA	08/08	Hamburg East Polo Club Blvd Silver Oaks Real Estate Investment	Prime	\$ 5,382,472.00		07/09
6851	Grade & Drain, HMA	09/08	Bluegrass Airport Runway 9-27 Phase 1 Bluegrass Airport Board	Prime	\$ 5,341,135.71		08/09
6852	Agg/HMA	09/08	Value Place Hotel RHS General Contractor, LLC	Prime	\$ 143,598.95		06/09
6872	HMA Paving	03/08	Tates Creek Apartments Asphalt Consults, Inc.	Prime	\$ 130,805.09		05/08
6874	Agg/HMA	12/08	LFUCG - Lexington Meadows Northland Arlington MAC Construction & Excavating	Prime	\$ 281,037.93		07/09
6877	HMA Paving	06/08	Sand Lake & Estes Property Elza Reclamation and Construction Company	Prime	\$ 110,630.20		06/08
6880	HMA Paving	03/08	2008 Spring City Resurfacing LFUCG - L. McMillian	Prime	\$ 1,860,050.95		12/08
6882	Agg/HMA	07/08	Saint Joseph East Maternity Ward Lenco Excavation Inc.	Sub	\$ 188,856.95		06/09

ATTACHMENT " B "

L-M Asphalt Partners, Ltd. dba ATS Construction

<u>Internal Project Number</u>	<u>Type Of Work</u>	<u>Award Date</u>	<u>Owner's Name Prime Contractors Name</u>	<u>Joint, Prime Or Sub</u>	<u>Total Amount</u>		<u>Completion Date</u>
					<u>Of Contract</u>	<u>Or Subcontract</u>	
6885	Agg/HMA	06/08	Shelbourne Plaza WS Construction	Sub	\$ 404,751.91		06/09
6888	HMA Paving	09/08	Marshall Property Unit 2 Town Homes Anderson Communities - Owner	Prime	\$ 194,483.50		06/09
6889	HMA Paving	07/08	LFUCG 2008-2009 County Roads LFUCG - Streets & Roads	Prime	\$ 1,278,160.00		12/08
6890	HMA Paving	10/08	2008 Fall City Street Resurfacing LFUCG - S. Williams	Prime	\$ 1,347,174.25		06/09
6891	HMA Paving	08/08	Lexmark International Lexmark International	Prime	\$ 197,450.00		12/08
6895	HMA Paving	03/08	2008/2009 City Street Resurfacing LFUCG - S. Williams	Prime	\$ 5,320,640.10		12/09
2627	Grade & Drain/Concrete	9/06	KYTC Fayette Co. US 60 Westmoreland Ent. FD04 034 0060 000-001 / 06-2231	Prime	\$ 258,515.29		3/07

Attachment " C "

Work In Progress Report
 Contracts: 111009, - 990100.
 Through Month: 06/12

Project No.		Contract Amount	To Date Billed	Remaining Work
606799.	KYTC DESIGN BUILD KY90 & KY61 IMPROVEMENTS	55,192,228.67	55,192,228.67	659,861.35
606932.	KYTC FRANKLIN CO/KY676 US421/ARRA5196(10)/#091121	10,767,761.69	10,511,863.49	255,898.20
606942.	KYTC WASHINGTON CO/SPRINGFIELD BYPASS/ARRA1501(096)/#091123	12,818,308.01	12,484,103.35	334,204.66
606997.	KYTC FAYETTE CO/LIBERTY TODDS CADENTOWN/ARRA8591(002)/#091312	197,389.92	105,024.40	92,365.52
607022.	KYTC CLINTON CO/ALBANY, JAMESTOWN RD/ARRA1271(100)/#091066	16,219,782.41	16,200,765.66	19,016.75
607023.	KYTC ROCKCASTLE ARRA1501(097)/#091314	22,484,242.09	21,112,487.57	1,371,754.52
607036.	KYTC CLARK CO/L-64 & KY 627/INNH0645(068)/#101019	1,248,828.32	1,223,249.57	25,578.75
607047.	KYTC NEW CIRCLE ROAD (KY 4) RAMPS ONLY	485,576.93	0.00	485,576.93
607058.	KYTC FAYETTE CO/LEX CATTLETSBURG RD 1-64/INM0644(087)/#101329	3,344,436.53	3,207,485.81	136,950.72
607061.	KYTC VARIOUS ROUTES IN FAYETTE COUNTY	222,001.83	215,773.01	6,228.82
611002.	KYTC KENTON COUNTY JL03 059 0016 009-011	9,204,800.78	3,076,529.56	6,128,271.22
611004.1	KYTC ASPHALT RESURFACING NICHOLASVILLE ROAD US27	1,131,616.54	1,011,393.32	120,223.22
611004.2	KYTC ASPHALT RESURFACING LIBERTY ROAD KY1927	166,918.05	153,030.00	13,888.05
611010.	KYTC HARRODSBURG ROAD DCD (US127); HD 11H022	6,320,453.27	6,058,322.41	262,130.86
611021.	KYTC HARDIN CO/TOWN-RADCLIFFE CONNECTOR-111036	29,326,853.78	8,976,574.96	20,350,278.82
611022.	KYTC FAYETTE COUNTY/SOUND BARRIER WALL/STPM 3003(250)/#111048	212,260.70	184,863.50	27,397.20
611023.	KYTC CLINTON-PICKETT(TN) COUNTIES CID111345 ALBANY BYPASS & US127	28,515,844.20	4,759,977.46	23,755,866.74
611148.	KYTC I-64 RESURFACING - 112280 - FAYETTE - FD39 034 0064 071-074	432,840.10	408,960.81	23,879.29
611151.	KYTC VARIOUS ROUTES - 113355 - FAYETTE COUNTY - 034GR11R109-CB06	459,730.68	418,235.96	41,494.72
611153.	KYTC VARIOUS ROUTES - 113350 - WOODFORD COUNTY - 120GR11R099	13,643.75	0.00	13,643.75
612003.	KYTC CUMBERLAND COUNTY DESIGN BUILD CHANGE ORDER	11,462,532.13	767,818.68	10,694,713.45
612004.	KYTC HARDIN CO/ NEW CONNECTOR ROUTE JP02 047 NEW-ROUTE	11,634,673.22	100,665.99	11,534,007.23
612102.	KYTC FAYETTE CO/ KY 4 (MP 2.249, MP 3.895, & MP 7.242)/034GR11M11	95,775.40	0.00	95,775.40
612103.	KYTC FAYETTE CO/ KY1927 & KY1977 034GR12P031-FD05	300,860.41	113,210.76	187,649.65
612112.	KYTC 122023 EDMONTON ROAD (KY80) ADAIR COUNTY	71,012.50	0.00	71,012.50
612113.	KYTC 122135 J-TOWN-RUSSELL SPRINGS ROAD RUSSEL CO	17,680.00	0.00	17,680.00
606926.	Private KY HORSE PARK - INTERNAL ROAD IMPR	674,831.56	670,290.47	4,541.09
606926.1	Private KY HORSE PARK - INTERNAL ROAD IMPR - EXTRA WORK	381,663.24	281,965.06	99,698.18
607045.	Private SUNNY SLOPE	3,546.90	3,546.90	0.00
607065.	Private EASTERN STATE HOSPITAL	1,003,800.00	186,559.20	817,240.80
611003.	Private BLUE GRASS AIRPORT AIR CARRIER RAMP REHABILITATION	2,053,630.52	1,943,266.04	110,364.48
611003.1	Private BLUE GRASS AIRPORT AIR CARRIER RAMP - ADD ALTERNATE	60,915.00	0.00	60,915.00
611009.	Private SOUTH AIRFIELD CONNECTOR ROAD - BOONE COUNTY	11,965,622.31	3,552,485.55	8,413,136.76
611015.	Private RONALD MCDONALD HOUSE CHARITIES	165,125.00	165,125.00	0.00
611016.	Private MAHAN DEVELOPMENT UNIT 1 - PHASE 3	901,550.25	820,174.93	81,375.32
611017.	Private MAHAN APARTMENTS LOT B1	317,257.51	316,529.41	728.10
611020.	Private OLD DOMINION FREIGHT LINES	378,200.00	378,200.00	0.00
611107.	Private CLAYS MILL ELEMENTARY SCHOOL	98,320.00	0.00	98,320.00
611109.	Private BRECKRIDGE ELEMENTARY SCHOOL	157,000.00	0.00	157,000.00
611116.	Private MARY TODD ELEMENTARY SCHOOL	83,367.00	0.00	83,367.00

Attachment " C "

Work In Progress Report
 Contracts: 111009. - 990100.
 Through Month: 06/12

Project No.		Contract Amount	To Date Billed	Remaining Work
611119.	Private	545,001.34	545,001.34	0.00
611124.	Private	147,720.00	0.00	147,720.00
611140.	Private	132,281.00	132,281.00	0.00
611143.	Private	178,000.00	178,000.00	0.00
611150.	Private	6,175,793.31	5,402,501.11	773,292.20
611157.	Private	151,000.00	120,270.00	30,730.00
611160.	Private	18,000.00	18,000.00	0.00
611164.	Private	222,232.50	119,139.11	103,093.39
611166.	Private	162,150.00	162,150.00	0.00
611170.	Private	153,520.00	68,467.50	85,052.50
611173.	Private	81,313.12	76,313.12	5,000.00
611174.	Private	70,656.00	58,777.40	11,878.60
611179.	Private	58,904.50	68,306.39	-9,401.89
611183.	Private	504,644.77	391,582.17	113,062.60
611189.	Private	71,275.00	71,275.00	0.00
611191.	Private	47,141.70	37,263.21	9,878.49
611192.	Private	65,000.00	65,000.00	0.00
611194.	Private	27,000.00	27,000.00	0.00
612002.	Private	0.00	0.00	0.00
612100.	Private	2,000.00	2,000.00	0.00
612101.	Private	67,250.00	0.00	67,250.00
612104.	Private	6,645.00	5,000.00	1,645.00
612105.	Private	48,397.50	48,397.50	0.00
612106.	Private	7,830.00	0.00	7,830.00
612107.	Private	30,348.00	30,348.00	0.00
612108.	Private	57,510.00	57,510.00	0.00
612109.	Private	16,250.00	0.00	16,250.00
612110.	Private	9,470.00	9,470.00	0.00
612111.	Private	97,000.00	97,000.00	0.00
612114.	Private	299,687.96	164,051.82	135,636.14
612115.	Private	56,186.00	56,186.00	0.00
612116.	Private	36,400.00	36,400.00	0.00
612117.	Private	500,000.00	111,848.75	388,151.25
612118.	Private	97,900.00	11,792.40	86,107.60
612119.	Private	47,520.00	0.00	47,520.00
612120.	Private	119,660.00	0.00	119,660.00
612121.	Private	3,600.00	0.00	3,600.00
	Total All Jobs	251,568,030.25	162,772,039.32	88,795,990.93

Attachment " D "

L-M Asphalt Partners, Ltd. dba ATS Construction

Principal Officers, Managers and Superintendents of the Organization

	<u>Name</u>	<u>Position</u>	<u>Years of Experience</u>	<u>Magnitude and Type of Work</u>	<u>Capacity</u>
1)	Steve Lawson	President	20+	Highway Grading, Asphalt Paving and Utility Construction	Overall Company Administration
2)	James York	Executive Vice President	30+	Highway Grading, Asphalt Paving and Utility Construction	Overall Company Administration
3)	Brian R. Billings	Vice President	15+	Asphalt Paving	Engineering
4)	Harry Burchett	Vice President	30+	Highway Grading, and Utility Construction	Engineering
5)	Paul Corum III	Secretary	10+	Highway Grading, Asphalt Paving and Utility Construction	Administration
6)	Willard Mills	Superintendent	35+	Highway Grading, and Utility Construction	Field Superintendent
7)	Kieth Vance	Superintendent	20+	Asphalt Paving	Field Superintendent