

PROJECT NOTES
SHORT LINE PAVEMENT MARKING PROGRAM

GENERAL DESCRIPTION:

This contract provides for the furnishing and installation of pavement marking materials at various locations in the State. The pavement marking materials to be used are paint with surface applied glass spheres, thermoplastic with surface applied glass spheres, preformed thermoplastic and permanent pavement marking tape.

CONTRACT TERM:

The period of this contract is from the date of "execution" for three (3) calendar years. **The contract may be extended for two (2) additional, one-year terms through negotiation between the contractor and the Department of Transportation. Negotiation should be initiated no later than Ninety (90) days prior to the termination of the current agreement.**

CONTRACT AWARD:

Award of contract will be made to the lowest responsive and responsible bidder.

AGENCY USE CONTRACT:

Pursuant to 29 Del. C. §6904(e) respectively, if no state contract exists for a certain good or service, covered agencies may procure that certain good or service under another agency's contract so long as the arrangement is agreeable to all parties. Agencies, other than covered agencies, may also procure such goods or services under another agency's contract when the arrangement is agreeable to all parties.

SUBLETTING OR ASSIGNMENT OF CONTRACT:

The vendor shall give their personal attention to the faithful prosecution of the work; shall keep the same under his personal control and shall not assign by power of attorney or otherwise sublet the work or any part thereof without the previous written consent of the Department. The vendor shall not either legally or equitably assign any of the monies payable under this agreement or his claim thereto unless by and with the written consent of said Department.

PRICE ADJUSTMENT:

Upon expiration of the initial Contract term, each one-year Contract extension may adjust pricing by mutual written agreement. The pricing must cover the full term of the Contract extension period. If the price difference for any extension period exceeds the previous one-year period, approval of the price adjustment shall be at the discretion of the department. The Department retains the right to reject a request for future year extensions at any time.

RIGHTS TO TERMINATE THE CONTRACT:

The Department reserves the right to terminate the contract(s) subject to legislative appropriations, breach of contract, or at any time with sixty (60) days' notice to the vendor.

LOCATION OF WORK SITES:

District I - North of the Chesapeake and Delaware Canal.

District II - South of the Chesapeake and Delaware Canal

The work sites assigned under this contract will be in both Districts. The actual sites will be determined throughout the duration of the contract.

A full markings team is required in each District from the first day of work in each District until all work has been completed in that District.

The contractor may not consolidate both crews in one District or change work crews between or within Districts without written permission.

ALTERATION OF PLANS OR CHARACTER OF WORK:

The quantities shown in the proposal are approximate only and will be the basis for the comparing bids.

The Department reserves the right to increase or decrease any or all of the quantities as shown in the bid schedule.

Any increase or decrease in the quantities and/or any additions or omissions of work sites on this contract shall not be cause for any increase or decrease of contract unit prices bid. Subsections 109.05 and 109.06 of the Standard Specifications do not apply.

MINIMUM INSURANCE REQUIREMENTS:

As a part of the contract requirements, the contractor must obtain at its own cost and expense and keep in force and effect during the term of this contract, including all extensions, the minimum coverage limits specified below with a carrier satisfactory to the State. All contractors must carry the following coverage depending on the type of service or product being delivered.

- a. Commercial General Liability - \$1,000,000.00 per person/\$3,000,000 per occurrence, and
- b. Automotive Liability Insurance covering all automotive units used in the work with limits of not less than \$250,000 each person and \$500,000 each accident as to bodily injury and \$250,000 as to property damage to others, and
- c. The vendor shall maintain such insurance as will protect against claims under Worker's Compensation Act and from any other claims for damages for personal injury, including death, which may arise from operations under this contract. The vendor is an independent contractor and is not an employee of the State of Delaware.

Before any work is done, a Certificate of Insurance referencing the name and contract number stated herein, shall be filed with the Department. The certificate holder is as follows:

Delaware Department of Transportation
Contract Administration
800 Bay Road, Dover, DE 19901
Contract No. DOT2611-PAVMK_SHLN

Note: The State of Delaware shall not be named as an additional insured.

Should any of the above described policies be cancelled before the expiration date thereof, notice will be delivered in accordance with the policy provisions.

MATERIALS:

Materials to be used on this contract must be listed on the “Approved Materials List” located elsewhere in these specifications.

Upon notification of award, it shall be the responsibility of the vendor to contact the Department's Materials and Research Section to arrange for sampling and testing of approved materials. All samples required by the Department's Materials and Research Section shall be supplied by the vendor 30 days prior to use in amounts and sizes indicated, at no cost to the Department.

Materials used on the job site must be in their original packaging/container and have the proper labels and paperwork as proof before any work is done, further testing may be required, and will be done by the Department's Materials and Research Section.

WARRANTY:

The successful bidder shall be required to extend any policy guarantee usually offered to the general public on article(s) and/or service(s) against defective material and workmanship.

BASIS OF OPERATIONS:

The contractor must provide his own base of operations; he cannot store any equipment, materials, or supplies necessary for this contract on State property. Any work on any equipment or any transfer of materials among vehicles shall not take place in any highway yard. The Department will bear no responsibility for the safety of the equipment and/or supplies. The contractor is responsible for handling of all materials and shall do so in a safe and legal manner.

MAINTENANCE OF TRAFFIC:

No separate payments will be made for maintenance of traffic cost. For the purpose of this contract, these are considered incidental to the bid work orders.

Traffic shall be maintained at all times in accordance with Subsections 104.1, 104.10, and 107.7 of the Standard Specifications.

All work shall be performed in a manner that will reasonably provide the least practicable obstruction to all road users, including vehicular, pedestrian, and bicycle traffic, and shall conform to the requirements of the Delaware Manual on Uniform Traffic Control Devices, Part 6, including all revisions up to the date of advertisement for bids.

All crewmembers shall wear, at all times, a Class Three safety vest that meets the ANSI 107 – 2015 standard requirements.

The Department's Safety Officer or an authorized representative, prior to the start of work must approve all vehicles, equipment, traffic control devices and allowable work hours to be used.

The contractor shall be responsible for furnishing, placing and relocating portable signs and devices to safely protect workers, equipment and fresh (wet) markings from traffic. The contractor will be held fully liable for paint getting on vehicles when the line has not been protected correctly.

For the purposes of this contract, "dry" is defined as no tracking of a painted line when an automobile crosses the line.

Three working days will be allowed for equipment approval after which time Liquidated Damages for Failure to Pursue the Work will be assessed. (See Liquidated Damages.)

The required signs and warning devices for this contract shall be on the site prior to the beginning of the work.

All traffic control devices will remain the property of the contractor.

Flaggers shall be governed by and familiar with the Delaware Manual on Uniform Traffic Control Devices (MUTCD) Part 6, latest edition and updates in effect at the time of advertisement for bids. Flaggers shall have completed flagger training and testing within the last three (3) years as offered by American Traffic Safety Services Association (ATSSA). The contractor shall provide appropriate documents showing the flagger certification status throughout the duration of the contract.

Flaggers shall be completely covered (clothed) from neck to feet. The minimum clothing requirements for flagger shall be long pants and a standard T-shirt with sleeves along with appropriate footwear (no open-toe shoes). The Flagger shall wear a Class Three safety vest that meets the ANSI/ISEA 107 – 2015 standard requirements.

The contractor must plan the work so that no lanes of traffic are closed or seriously hindered from Friday noon to Monday noon.

The period of time that lanes are to be open depends on the day of the week on which the legal or observed holiday or event falls. The following schedule determines this periods, notwithstanding allowable lane closure times permitted by the Contract:

Day of holiday or event	Time all lanes must be open to traffic
Sunday	12:00 PM Friday through 5:59 AM Monday
Monday	12:00 PM Friday through 11:59 PM Monday
Tuesday	3:00 PM Monday through 11:59 PM Tuesday
Wednesday	3:00 PM Tuesday through 11:59 PM Wednesday
Thursday	3:00 PM Wednesday through 11:59 PM Thursday
Thursday (Thanksgiving only)	6:00 AM Wednesday through 11:59 PM Sunday
Friday	12:00 PM Thursday through 5:59 AM Monday
Saturday	12:00 PM Friday through 5:59 AM Monday

Travel lane, ramp or road closures are not permitted on any road within one mile of a designated polling place during the primary and general elections that fall during an even numbered year.

In addition the following restrictions apply to contract work taking place within the City of Dover limits, projects on SR 1, I-95 and I-495 and as directed by the Traffic Safety Section:

Lane closures and road closures are prohibited from occurring during all major events (Firefly Musical Festival, NASCAR Races, etc.) in Dover, De from 12:00 am Wednesday prior to the event through 12:00 am Tuesday following the event. The engineer will provide the dates of the event prior to the restrictions being implemented.

Additional restrictions may apply as noted in the Contract Documents or as directed by the Engineer.

Some signs and devices may be carried on mobile equipment.

One-way traffic will be permitted for limited distances only at the discretion of the Engineer.

All vehicles shall display flashing or rotating yellow lights, which are visible in all directions. All arrow boards must have controls so that the arrow may be switched without stopping the vehicle.

Normal rush hour traffic conditions prohibit the placement of traffic markings from 6:00 to 9:00 AM and 3:00 to 7:00 PM on certain high-volume roads. Work performed during these times will be restricted to those roads not subject to great rush hour peaks as determined by the Project Coordinator.

Night work is defined as any roadwork occurring between 9:00 PM and 5:00 AM

The Department, at its discretion, may require night work on some major high-volume roadways. The Department will consider night work on other roadways at its discretion.

For night work additional traffic control devices are required.

WORK PERIOD:

The first day of work in each District is to be on or before May 8, 2026

With the permission of the Project Coordinator, the contractor may start before the above noted date.

Permission to start after the above noted dates without Liquidated Damages being assessed will not be granted.

AUTHORIZATION OF WORK:

All work assigned under this contract shall be authorized by the project Coordinator. Any unauthorized work will not be approved for payment.

WORKMANSHIP:

The contractor is required to perform the work called for in this contract to a high standard of workmanship.

The contractor shall be responsible for the complete preparation of the roadway surface as necessary for the product to be applied, including the removal of dust, dirt, and other foreign matter immediately prior to the installation of the pavement marking material.

When removal of existing markings is required the designated markings must be completely (100%) removed, or to the satisfaction of the project coordinator.

When doing any type of removal, the contractor shall be fully and wholly responsible for the clean-up and disposal of any and all waste or residue generated from this operation to the satisfaction of the project coordinator.

Professional demeanor is required at all times. Actions toward Inspection staff or motorists including, but not limited to, intimidating or threatening gestures or words, or unseemly language will be cause for requiring the permanent removal of the offending employees from this project.

Any application of marking materials which is defective, or which is incorrectly located by the contractor shall be replaced at the sole expense of the contractor.

The contractor at no expense to the Department shall remove any materials spilled on the pavement.

The contractor shall carry a waste container so that any spilled paint or other material can be held for disposal.

CONTROL AND INSPECTION:

The Departments Pavement Marking Section will assign areas of work and the order in which the work must be undertaken.

Upon receipt of the "award letter" the contractor must submit a list of required materials that he/she needs to order prior to the receipt of a Purchase Order, such as tape and thermoplastic, to ensure that the application of pavement markings begin on the scheduled date. The Department will send written confirmation of those items that the contractor is authorized to purchase.

The contractor will be reimbursed for the approved materials that have been purchased, up to 20% of the total bid price of the contract, with the approval of the Engineer in charge should the contract be terminated by the State of Delaware.

An authorized representative of the Department shall be assigned as Project Coordinator and shall be present during each application of the material. Payment will not be made for any work done when said coordinator is not present.

The Department will advise the contractor of the order in which the work must be undertaken.

The provisions of Failure to Pursue the Work shall apply when the contractor does not perform the work in the order required by the Department.

The contractor shall begin work on the assigned units of work on or before the fifth (5th) working day (weather permitting) after notification to begin work, subject to the limitations set forth herein. Failure to begin work with the specified time shall be regarded as Failure to Pursue the Work. (See Liquidated Damages).

Should it be necessary to halt the work because of incorrect or unsatisfactorily applied pavement marking under the terms of this contract, Failure to Pursue the Work shall have been deemed to have occurred. (See Liquidated Damages.)

Should the contractor fail to provide adequate protection to the surroundings of the work site or should the operations be carried out in such a way as to allow or cause damage to any roadway, street, sidewalk, the property of any utility or other private or public property, the Liquidated Damages for Failing to Protect the Work Site may be assessed from the time the contractor is notified of the condition until he completes the repair. (See Liquidated Damages).

Rejected pavement markings must be removed the same day that notification of rejection is given. Any rejections must be noted in the Project Coordinator's Diary. If the Project Coordinator deems that same-day removal is not critical, he/she may wave this requirement. Material must still be removed, however, not on the same day that notification is given. Any rejected material must be noted in the Project Coordinator's Diary and signed by the contractor's on-sight representative. Any waivers must also be so noted and signed. Failure to remove rejected markings as specified will be considered Failure to Pursue the Work.

Should the repairs not be undertaken, or should it be necessary for the Department to protect the area and/or make the repairs, the costs shall be deducted from the monies due the contractor.

The contractor may work in no more than one (1) area in each District at any one time. Unless prior approval has been given by the Project Coordinator.

Once work begins the contractor is expected to supply a full markings team within each District every day that work is scheduled (weather permitting). Any breaks in this schedule must be approved by the Project Coordinator. Failure to comply with this paragraph is a Failure to Pursue the Work. (See Liquidated Damages).

The standard workday is 7 ½ hours - 8:00 AM to 4:00 PM, ½ hour lunch. Monday through Friday.

The standard workday when night work is authorized and scheduled is 9:00 P.M. to 5:00 A.M. Sunday night/Monday morning through Thursday night/Friday morning.

Unless prior arrangements in writing or documented in Project Coordinator's Diary have been made between the contractor and the Project Coordinator, the Department's representative will not wait past one (1) hour from the start of the standard workday or the agreed upon time. Should the situation arise where the contractor is not available for work within that one hour the Projector Coordinator may be given a different assignment for that day and in such event no work under this contract shall be pursued for that day. For every such occurrence provisions for Failure to Pursue the Work shall apply. (See Liquidated Damages).

Authorization for longer workdays and work on non-working days shall be at the discretion of the Project Coordinator.

LIQUIDATED DAMAGES:

Failure to Pursue the Work or Failure to Protect the Work Site shall cause Liquidated Damages to be assessed in accordance with section 108.9 of the Standard Specifications.

SUBMISSION OF INVOICE:

An invoice for each work site shall be submitted to the State of Delaware, Department of Transportation, Division of Transportation Solutions, Signs/Markings section, 14 Sign Shop Road, Dover, Delaware 19901.

Payment will be on a monthly basis for each separate unit of work complete in place and accepted.

EQUIPMENT:

The equipment used to apply pavement markings shall meet the following requirements:

A. PAINT EQUIPMENT

1. Be able to apply double centerlines simultaneously (except temporary markings may be applied separately).
2. Capability to apply paint and glass beads to pavement at same time, leaving no more than 50 mm (2 ") of painted line without glass beads at the beginning or end of a line.
3. Capability of handgun operation for applying special markings. (This may be a separate piece of equipment).

B. TRUCK MOUNTED PAINT EQUIPMENT

1. Must apply double centerlines simultaneously.
2. Shall be capable of pneumatically applying glass beads 25 mm (1") behind the spray pattern of the paint gun.
3. Shall have automatic electrically controlled skipline mechanism capable of retracing the existing approximate 3 m (10 ft.) stripe and 9 m (30 ft.) skip or applying a new 3 m (10 ft.) stripe and 9 m (30 ft.) skip.

PERMANENT TAPE EQUIPMENT:

Shall be specifically designed for the application of pressure sensitive adhesive coat film.

THERMOPLASTIC EQUIPMENT:

A special kettle shall be provided for melting and heating the thermoplastic material. The kettle shall be equipped with an automatic thermostatic control device and heated by controlled heat transfer liquid rather than direct flame.

Upon heating to application temperature, the material shall not exude fumes, which are toxic or injurious to persons or property. The pigment, beads and filler shall be well dispersed in the resin. The materials shall be free from all skins, dirt and foreign objects and shall be certified by the manufacturer as conforming to the requirements herein.

The equipment shall be arranged to permit preheating of the pavement immediately prior to application of the thermoplastic material if the thermoplastic material manufacturer recommends preheating. The applicator shall be mobile and maneuverable to the extent that straight lines can be followed, and normal curves can be made in a true arc.

The applicator shall be capable of containing a minimum of 55 kg (125 lbs.) of molten material. The use of a drag box is prohibited.

EXTRUDED APPLICATIONS

The equipment shall be constructed to provide continuous mixing and agitation of the material. Conveying parts of the equipment between the main material reservoir and the shaping die shall be constructed to prevent accumulation and clogging. All parts of the equipment, that contact the material, shall be constructed to be easily accessible and exposable for cleaning and maintenance. The equipment shall be constructed so that all mixing and conveying parts up to and including the shaping dies, will maintain the material at the optimum thermoplastic temperature.

The equipment shall be so constructed as to insure continuous uniformity in the dimensions of the stripe. The thickness of the material on the pavement shall be 2.28 mm (90 mils) + .13 mm (5 mils) for (longitudinal lines) lane lines, centerlines and edge lines; and shall be 3.18 mm (125 mils) + .13 mm (5 mils) for (transverse lines) crosswalks, stop bars, and all symbols.

The applicator shall provide a means for cleanly cutting off square the stripe ends. The equipment shall be so constructed so as to provide for varying die widths and to produce varying widths of traffic marking.

APPLICATION OF MATERIALS:

A. PAINT MARKINGS

1. For machine applied glass spheres, the reflective surface shall be obtained by applying glass spheres at an average rate of .84kg/ liter (7 lbs. per gallon) of paint onto and into the pigmented binder in one operation as specified under the section on equipment.

Hand applied glass spheres must be applied at a rate no less than .48 kilograms per square meter (10 pounds per 100 sq. feet).

The rate of beads and paint application shall be determined at the end of the workday.

The number of liters of paint used and the number of kilograms of beads used shall be determined. The number of liters of paint shall be divided into the number of kilograms of beads and result shall be .84 kg/ liter (7 pounds per gallon) or greater.

A deduction will be made from monies due the contractor for improper bead application according to the following table:

GlassBeadskg/liter (lbs./gallon)		Deduction/Meter100 mm (4") line
From	Less Than	
	.78(6.5)	Reapply
.78(6.5)	to .80(6.7)	Deduct .015
.80(6.7)	to .83(6.9)	Deduct .002

* Proportional rates apply to wider lines.

For hand applied glass spheres, the square meters of markings shall be determined, along with the number of kilograms of beads used. The number of square meters of paint shall be divided into the number of kilograms of beads and the result shall be .48 kg. Per square meter or greater.

Glass Beads kg/square meters (lbs./100 square feet)		Deduction/Meter (Sq. FT.)	
From	Less Than		Reapply
	.46(9.5)		
.46(9.5)	to .47(9.7)	Deduct	.015
.47(9.7)	to .48(9.9)	Deduct	.002

2. The contractor according to the paint manufacturer’s recommendations shall apply pigmented binder (paint) white or yellow. The paint shall only be applied when ambient air temperature is 4 degrees C (40 degrees F or higher). The set film thickness shall be .38 mm (15 Mils) + .03 mm (1 Mil).
3. For lines over 750 m (2500 feet) in length, a truck-mounted machine shall be used.
4. For all lines over 150mm (6") in width, multiple passes of the paint machine or a stencil shall be used.
5. Minimum Reflectivity Requirements

The Minimum Reflectivity required for Thermoplastic Markings are, White Thermoplastic 300 Millicandelas, Yellow Thermoplastic 200 Millicandelas.

The minimum reflectivity required for paint lines are 150 Millicandelas for white and 125 millicandelas for yellow.

If the markings do not meet the minimum reflectivity readings the contractor will be required to re-stripe the lines at their expense. All reflectivity readings will be taken with an LTL-X Reflectometer with 30-meter geometry.

B. PERMANENT TAPE

1. The surface must be clean and dry. Installation shall follow the type manufacturer's application methods. (Copy to be furnished to Projector Coordinator.)
2. On concrete the contractor shall follow the manufacturer's suggested installation procedures for preparing the surface, including the application of all necessary primers as indicated by the manufacture. Costs to provide said primer materials shall be at the sole expense of the contractor.
3. Apply markings into pavement surface roller tamper cart or by use of a roller having a weight of 110 kg (250 pounds) and not more than 3650 kg (4 tons). The tamper cart shall be used with a minimum load of 90 kg (200 pounds).

4. Tamping shall begin immediately after each application. Care shall be taken to ensure that all edges are firmly adhered. The tamping device shall not be twisted or turned while on the marking material. The roller tamper cart shall pass over the applied material with six forward passes and five backward passes.

C. THERMOPLASTIC

1. Application of Primer-Sealer: The primer-sealer shall be applied to all portland cement concrete pavement surfaces and to bituminous surfaces when recommended by the material's manufacturer, prior to the application of the marking. The rate of application shall be sufficient to cover the surface on which the marking is to be laid.
2. Application of Marking Material: Application equipment shall be constructed to assure uniformity in the thickness of the marking without overspray.

Thermoplastic pavement markings shall be applied only on clean, dry pavement and at road surface temperatures above 10 C (50 F). The contractor shall remove all dirt, debris, loose particles and heavy oil residues from the road surface application areas immediately prior to the installation of pavement markings.

The contractor shall protect the markings until track-free by placing guarding or warning devices as necessary. In the event any vehicle should cross the molten marking, such marking shall be reapplied. The contractor shall remove any markings made by the moving vehicle.

The marking material shall be applied at a temperature that will provide best adhesion to the pavement and shall be between 204 C-246 C (400 F-475 F) throughout and shall have uniform dispersions of binder, pigment and glass beads when applied to the surface of the pavement.

3. Rate of Application:

- a. Marking Material:

Marking material shall be applied at the specified dimensions and at a rate to result in a marking thickness of 2.28 mm (90 mils), .13 mm (+5 mils) for longitudinal lines and 3.18 mm (125 mils), .13 mm (+5 mils) for transverse lines and symbols (not including glass bead top dressing).

Except as otherwise specified, pavement line markings shall be 127 mm (5 inches) wide and broken line segments shall be 3 m (10 feet) in length with 9 m (30 foot) gaps. If the application rate of the thermoplastic is greater than required, there shall be no cost adjustment.

If the application rate is less than required, the Department shall withhold 25% of the monies due the contractor for the cost of the work for each .13 mm (5 mils) or any part thereof, by which the material is too thin.

b. Glass Beads:

Glass beads applied to the surface of the complete markings shall be applied by an automatic bead dispenser attached to the applicator in such a manner that the beads are dispensed instantaneously onto the molten marking. The bead dispenser shall be equipped with a cut-off control synchronized with the cut-off of the thermoplastic material.

The rate of bead application shall be determined for each work site. The number of square meters of material applied and the number of kilograms of beads used shall be determined. The number of square meters shall be divided into the number of kilograms of beads and the result shall be .48 or greater kg/square meter (10 or greater pounds per 100 square feet).

If the application rate is less than required, the Department shall withhold 25% of the monies due the contractor for the cost of the work.

During and after material application, both daylight and nighttime inspections of the markings will be made by an authorized representative of the Division of Highway Operations, and if found to be defective or if they fail in any way to meet the specifications in this proposal, such markings will be rejected and must be replaced at no cost to the Department within the time limit specified.

D. PREFORMED THERMOPLASTIC

1. The markings shall be applied in accordance with the manufacturer's recommendations on clean and dry surfaces. New Portland concrete cement surfaces must be sandblasted to entirely remove curing compound. A copy of the manufacturer's recommendations shall be presented to the Project Coordinator.

REMOVAL OF EXISTING PAVEMENT MARKINGS:

This item consists of removing existing pavement markings in strict compliance with all applicable laws and rules. The contractor shall be fully and wholly responsible in ensuring that all environmental rules and regulations are fully complied with during this work. The means used may include sandblasting, burning, water blast and grinding, if and as may be, approved by State Environmental officials.

The contractor is required to provide all labor, materials, equipment and incidentals necessary to completely remove the designated existing words, symbols, longitudinal and transverse lines and to clean up all residue from this operation to the satisfaction of the Project Coordinator.

This work will be done in locations where markings are existing but must be altered or in locations previously marked where part of the marking is missing, and the remaining portion cannot be remarked.

METHOD OF MEASUREMENT:

Longitudinal lines shall be measured in linear feet of applied line by width. Double lines shall be measured separately.

Transverse lines shall be measured in linear feet of applied line by width.

Standard width lines are (5"), (10"), (12"), and (16").

For Symbols:

1. Those separately priced are measured as each.
2. Others are priced on a square feet basis. The actual square feet of symbol applied shall be determined.

Painted markings shall be referenced as "Paint".

Plastic tape markings shall be referenced as "Tape" or "Type A".

Markings of thermoplastic material shall be referenced as "Thermoplastic".

Lines over (2500 feet) in length shall be referenced as "Long".

BASIS OF PAYMENT:

The quantity of each item completed to the satisfaction of the Project Coordinator and measured as determined under the Method of Measurement section shall be paid for at the unit price shown on the bid sheet which price shall include all materials, labor, tools, templates, stencils, equipment, clean-up, and incidentals necessary to complete the item.