

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE PAGE OF PAGES
1 14

2. AMENDMENT/MODIFICATION NO. A002	3. EFFECTIVE DATE 09/11/2008	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable) HI A-AD 6 (5)
6. ISSUED BY Federal Highway Administration Central Federal Lands Highway Division Attention: Brenda McGehee 12300 W. Dakota Avenue, Suite 360 Lakewood, CO 80228	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)	<input checked="" type="checkbox"/>	9A. AMENDMENT OF SOLICITATION NO. DTFH68-08-B-00021
	<input checked="" type="checkbox"/>	9B. DATED (SEE ITEM 11) 08/11/08
		10A. MODIFICATION OF CONTRACT/ORDER NO.
		10B. DATED (SEE ITEM 13)
CODE	FACILITY CODE	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

- (a) By completing Items 8 and 15, and returning 1 copies of the amendment;
 - (b) By acknowledging receipt of this amendment on each copy of the offer submitted;
 - (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers.
- FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

<input checked="" type="checkbox"/>	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

CHANGES TO INVITATION FOR BID

Remove Page B-13 and replace with new Page B-13 bearing revision date 9/11/08. Change to Bid Items 63405.

Remove Pages I-11 thru I-15A and replace with new Pages I-11 thru I-15A bearing revision date 9/11/08. Changes to 105.02 (a) and (c).

Remove Pages I-42A thru I-43 and replace with new Pages I-42A thru I-43 bearing revision date 9/11/08. Changes to 108.05 (d) (2).

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY (Signature of Contracting Officer)	

CONTRACT MODIFICATION

**STANDARD FORM 30
CONTINUATION SHEET**

REFERENCE NO. OF DOCUMENT BEING CONTINUED

PAGE

OF

PAGES

HI-A-AD 6(5) AMENDMENT A001

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NAME OF OFFEROR OR CONTRACTOR

Remove Page I-76 and replace with new Page I-76 bearing revision date 9/11/08. Changes to 204.02(e).

Remove Page I-83 and replace with new Page I-83 bearing revision date 9/11/08. Addition of 204.16(d)(2)(e).

Remove Page I-146 and replace with new Page I-146 bearing revision date 9/11/08. Addition of Subsection 718.20.

** Failure to acknowledge this amendment by the designated date and hour specified in the solicitation may result in rejection of your bid (refer to item 11).

Pay Item No.	Estimated Quantity	Unit Bid Price	Amount Bid
63401IB	PAVEMENT MARKINGS TYPE I, BROKEN 1,290 LNFT	\$ _____	\$ _____
63405	RAISED PAVEMENT MARKERS 7,250 EACH	\$ _____	\$ _____
63406	PAVEMENT MARKINGS, SYMBOLS 52 EACH	\$ _____	\$ _____
63408	RUMBLE STRIP 22 MILE	\$ _____	\$ _____
63509	FLAGGER 300 HOUR	\$ _____	\$ _____

TOTAL \$ _____

Submitted by: _____
Name of Bidder

Bid Schedule Y

Project: HI A-AD 6(5)
SADDLE ROAD PTA ALIGNMENT - PHASE 5 - OPTION Y

STATE ROUTE 200 - SADDLE ROAD PTA-1 SECTION PHASE 5

104.05 Load Restrictions. Add the following:

Comply with all legal load restrictions when hauling materials on PTA roads, public roads, newly constructed subbase and new pavements.

Provide front and rear pilot cars with "wide load" signs and roof mounted flashing lights for transportation of construction equipment on State Route 200.

Add the following Subsection:

104.06 Vehicle Requirements. All contractor vehicles entering and leaving PTA property must have an operating flashing yellow or amber strobe light. The vehicles must also have readily identifiable 12" to 18" high vehicle number plates on both sides and rear of the vehicles.

Section 105. - CONTROL OF MATERIAL**105.01 Source of Supply and Quality Requirements.** Add the following:

Submit samples of materials for quality verification testing for materials required to conform to Sections 703, 704, and 705.

Materials containing petroleum-based solvents such as cutback asphalts and traffic paints may be restricted from use by local laws or ordinances in certain geographic areas. Upon presenting proof of such restrictions, alternate materials considered acceptable to the CO may be substituted for the materials specified in the contract.

105.02 Local Material Sources Delete the text of this Subsection and substitute the following:

(a) Government Mandatory Source. The Government-owned, PTA aggregate quarry, located 1.6 miles south of Saddle Road (SH 200) at MP 39.3 is designated for use on this project. This quarry is a government-provided materials source for this project. Quarry access from Saddle Road is along gravel roads. NO utilities are available at the quarry. **Use this source, free of charge,** to generate materials for the following.

- Subbase Aggregates
- Aggregate for Superpave HACP
- Aggregate for Hot Asphalt Treated Base
- Unclassified Borrow
- Placed Boulders, riprap, rockery, and stockpiled aggregates

Material quality in the source is acceptable in general, but may contain areas of unacceptable materials or materials requiring blending to produce aggregate meeting the contract quality requirements. It is not feasible to ascertain from samples the quality of materials for the entire source and due to the nature of the lava flows.

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Variation should be expected. *All material mined within the mandatory source limits meeting the aggregate quality requirements must be utilized in the production of aggregates. Excavate to, and maintain a base pit elevation no lower than 5693 when mining the quarry. Maximize use of durable "blue" basalt.*

The use of this source is mandatory and reserved solely for work contained in this contract unless otherwise approved by the CO. Rights to the use of this quarry are non-transferable and non-assignable. Do not sell, exchange, or give materials from this source to other parties.

Military training missions will take precedence over quarry operations. Be advised that at any time, military training and maneuvers may cause delays in, or suspension to, the production and haul of material to and from this source.

No direct payment will be made for any work related to the PTA quarry, including development and reclamation plans, excavation, stripping, waste handling, drilling/blasting, access roads improvements and other related work, all of which is included under other pay items in the bid schedule.

The plans show an estimated quantity of onsite unclassified borrow material of approximately 12,000 cubic yards near station 17+00 and 2,000 cubic yards near station 353+00, respectively. Actual quantities will vary. Use this material before obtaining and removing unclassified borrow material from the quarry.

(b) Other Contracts. Coincident with this contract, contracts performing work on other non related projects may occupy an adjacent portion of the quarry or utilize the same gravel quarry access routes.

The County of Hawaii is planning to pave a portion of the western section of existing Saddle Road in late Summer or early Fall of 2008. Work is expected to be between mile post 35 and State Route 190.

FHWA Contract # DTFH68-08-C-00001 for HI A-AD 6(4). This project extends from Station 17+00 to Station 351+00. The contract completion date for this project is December 14, 2008.

The contractor is responsible for coordinating with these contractors should these conditions arise.

(c) Materials Sources Development and Rehabilitation Plans. At least 30 days prior to commencement of any work at the quarry, submit a development and reclamation plans necessary to produce materials from the quarry meeting contract requirements. Night work at the PTA Quarry source with the exception of drilling and blasting will be allowed. Use the "PTA Quarry Investigation – Materials Source Report HI-A-AD 6(5)" and PTA Quarry Pit plan sheets to develop. These plans should include the following:

- Excavation methods used to optimize source materials to produce the aggregate type and quality required

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- Excavation and scheduling plan, including unexploded ordnance (UXO) support plan to be conducted prior to beginning any operations within the quarry limits or beyond the initial quarry limits.
- Type of equipment to be used at the quarry.
- Crusher, Hot Plant and Stockpile locations.
- Erosion control measures.
- Environmental Protection Plan to address containment of chemicals, petroleum products and requirements described in Subsection 107.
- A list of any hazardous materials that will be at the PTA Quarry site and a plan to store and handle these materials.
- Reclamation plan including method for disposal of overburden and waste materials.
- If blasting is required, submit a blasting plan according to Section 205 and 107.11. Army restrictions pertaining to the use of explosives within PTA also apply.
- If night work is required, submit a separate night work schedule including list of proposed outdoor lighting fixtures and their locations. Provide written certification for outdoor lighting fixtures to ensure compliance with applicable State and County laws, ordinances, rules and regulations.
- *Nighttime drilling and blasting is not permitted.*

(d) Permits, Licenses, and Agreements. The government has acquired the rights to remove materials from the PTA quarry and to use such property for a plant site and stockpiles. Acquire all source permits for use of the PTA quarry according to the requirements/condition of the State of Hawaii Department of Health, Clean Air and Clean Water Branches. The following permits are known to be required:

- Air pollution control permit for crusher operations (Clean Air Branch);
- Air pollution control permit for hot mix plant operations (Clean Air Branch);
- NPDES permit coverage (Clean Water Branch).

Note: The Government previously obtained NPDES permits for construction of this project. Thirty (30) days prior to using the quarry, submit all missing or supplemental information identified in Special Contract Requirement Section 107 to the Department of Health.

Comply with all permit and agreement terms and conditions, including required fees and insurance requirements.

(e) Available PTA Quarry Access Roads. Do not use Existing State Route 200, Saddle Road between MP 34 and 42 to transport materials, to or from, the Quarry including empty haul units.

Access to and from the PTA Quarry will be limited to the following access road:

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- Quarry to Ahi Road crossing the existing Saddle Road at MP 39.3 onto project near station 128+00.

Alternate routes may be proposed, however approval from the CO and the Department of the Army is required prior to use.

Access roads will not accommodate two-way traffic at all locations.

Keep access gates locked at all times. Employ gatekeeper personnel, if desired, at no cost to the Government.

Overhead utility lines span some access roads. Any adjustments to overhead utility lines needed to accommodate contractor equipment will not be measured for payment but will be considered subsidiary to other contract items.

The access roads may be improved by blading and shaping. Place PTA quarry-produced aggregates as required to eliminate dust pockets and provide a reasonably stable haul surface. Submit a proposed improvement plan to the CO for approval prior to start of any access road improvements. Do not widen existing roads beyond existing disturbance or as staked by the CO. Blading, shaping, and adding aggregate to the haul roads will not be measured for payment but is considered subsidiary to other contract items. Payment for dust control as directed by the CO will be under Item 306.

Upon completion of haul operation the access roads will be bladed, shaped and areas that have been damaged by haul operations will be repaired at no cost to the government. Restore the portion of Ahi Road north of old Saddle Road to its original condition by removing any improvements made under this contract. Apply dust palliative as directed by the CO and as recommended by the CO.

Do not exceed the following speeds within PTA:

- 35 mph on Saddle Road;
- 15 mph on PTA roads, trails, and between station 311+00 and 322+00;
- As limited by temporary traffic control.
- 5 mph in areas where military troops are present

Bituminous surfacing on haul roads will be allowed. Bituminous surfacing will not be measured for payment but considered subsidiary to other contract items. Upon completion of haul operations, repair all damaged areas using the same bituminous materials/treatments. Repair any erosion damage to adjacent areas caused by runoff from the bituminous surfacing.

(f) Restrictions. Do not drive or walk off approved access roads or outside the designated quarry limits.

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Cover all trucks hauling loose materials when traveling on public roads.

Upon leaving Saddle Road to access the quarry and upon leaving the quarry to access Saddle Road, contact PTA range control.

All construction personnel must attend a mandatory briefing on unexploded ordnance according to Section 108 of the Special Contract Requirements.

Comply with security requirements on a military reservation according to Subsection 108.01.

Keep all access gates on the project locked at all times.

Stockpile all excess material in an approved manner for use by the Department of the Army (DOA). Do not construct stockpiles or staging areas in locations that block access to the Army's quarry area or roads and trails within PTA needed for military access or other construction projects.

Backfill any excavations or holes created by quarry operations below the natural ground level to the same elevation with waste or overburden materials.

Pressure wash all equipment used in quarry operations prior to bringing onsite according to Section 107 of the Special Contract Requirements.

Upon completion of quarry operations, maintain or install new erosion control elements downstream of all stockpiled aggregates, overburden and waste piles. Remove all equipment, trash or other materials not designated to remain and restore the area to the condition specified in the contract and satisfactory to the CO.

~~**105.04 Storing and Handling Material. Add the following:**~~

~~An existing site at the intersection of new Saddle Road and Makai Road can be used as a staging area for this project. If the Contractor chooses to use areas outside the Saddle Road right-of-way or an area outside the limits of disturbance at the PTA Quarry, the contractor will need to obtain the necessary right of entries and permits such as the Conservation District Use Permit, NPDES, Grading, and Grubbing.~~

~~Add the following after the third sentence of the second paragraph:~~

~~For Contractor-located, non-commercial staging, storing, and material handling areas, secure environmental clearances according to Subsection 107.10.~~

105.04 Storage and Handling Material. Delete the text and substitute the following:

The area within the right-of-way from station 198+00 to station 215+00 on the new Saddle Road may be used as a staging area for this project. Makai Road may be used as the access to the staging area only for Class 1, 2 or 3 light-vehicles. Maintenance of dust control on Makai Road and the staging area will not be paid for directly but considered subsidiary to other contract items.

Roadway construction equipment and hauling of aggregates or bituminous material on Makai Road will not be allowed, including empty trucks.

If the contractor chooses to use areas outside the Saddle Road right-of-way or an area outside the limits of disturbance at the PTA Quarry, the contractor will need to obtain the necessary right of entries and permits such as the Conservation District Use Permit, NPDES, Grading and Crubbing

Add the following after the third sentence of the second paragraph:

For Contractor-located, non-commercial staging, storing, and materials handling areas, secure environmental clearances according to Subsection 107.10

Section 106. - ACCEPTANCE OF WORK

106.01 Conformity with Contract Requirements. Delete the text and substitute the following:

Follow the requirements of FAR Clause 52.246-12 Inspection of Construction.

References to standard test methods of AASHTO, ASTM, GSA, and other recognized standard authorities refer to the methods in effect on the date of solicitation for bids.

Perform all work to the lines, grades, cross-sections, dimensions, and processes or material requirements shown on the plans or specified in the contract.

I-42A

HI A-AD 6(5)

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108.04 Failure to Complete Work on Time. Delete Table 108-1 and substitute the following:

Liquidated damages of \$5,000.00 per day will be assessed for failure to substantially complete work within the contract time specified.

108.05 Stop Order. Delete the text and substitute the following:

The CO may order the performance of the work to be stopped, either in whole or in part, for such periods deemed necessary due to the following:

- (a) Weather or soil conditions considered unsuitable for prosecution of the work;
- (b) Military training or maneuvers; or
- (c) Failure of the Contractor to:
 - (1) Correct conditions unsafe for the workers or the general public;
 - (2) Carry out written orders given by the CO; or
 - (3) Perform any provision of the contract.
- (d) No adjustment in contract time or amount will be made for stop orders issued under this section, except:

(1) for stop orders issued under paragraph (a), an adjustment in contract time, as provided by FAR Clause 52.249-10 Default (Fixed-Price Construction), may be made when the Contractor is able to demonstrate that the weather was unusually severe based on the most recent 10 years of historical data; and

~~(2) for stop orders issued under paragraph (b), an adjustment in contract time and amount for days in which roadway work, quarry work, or hauling between the quarry and roadway is completely suspended pursuant to FAR Clause 52.242-14, Suspension of Work; provided, no adjustment in contract time or monetary compensation amount will be made for the first 160 cumulative hours of complete suspension of roadway work, quarry work, or hauling between the quarry and roadway. Adjustments in time will only apply when the project critical path schedule is adversely affected.~~

~~For the purpose of computing cumulative hours of suspension used to meet the 160-hour limit, on any day that has 4 or more hours of eligible suspension the cumulative amount of suspension for that day will be considered to be 8 hours.~~

(2) For stop orders issued under paragraph (b), an adjustment in contract time and amount may be made when roadway work, quarry work, or hauling between the quarry and roadway is completely suspended, pursuant to FAR Clause 52.242-14, Suspension of Work; provided, no adjustment in contract time or monetary compensation amount will be made for the first 160 cumulative hours of suspension of roadway work, quarry work,

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or hauling between the quarry and roadway. Adjustments in time will only apply when the project critical path schedule is adversely affected.

For the purpose of computing cumulative hours of suspension used to meet the 160-hour limit, on any day that has four or more hours of eligible suspension the cumulative amount for that day will be considered to be 8 hours.

Section 109. - MEASUREMENT AND PAYMENT**109.01 Measurement Methods.** Add the following after the third paragraph:

Submit measurement notes to the CO within 24 hours of performing the work. For on-going work, submit measurement notes weekly. When work is not complete, identify the measurement as being an interim measurement. Submit the final measurement when the installation is completed. Measurement notes form the basis of the Government's receiving report [see Subsection 109.08(d)]. For lump sum items, submit documentation to support invoiced progress payment on a monthly basis.

Use an acceptable format for measurement records. As a minimum, include the following information in all records of measurement:

- (1) Project name and number
- (2) Contract item number
- (3) Date the work was performed
- (4) Location of the work
- (5) Measured quantity
- (6) Calculations made to arrive at the quantity
- (7) Supporting sketch and/or details as needed to clearly define the work performed and the quantity measured.
- (8) Names of persons measuring the work
- (9) Identification as to whether the measurement is interim or final
- (10) Signed certification statement by the persons taking the measurements, performing the calculations, and submitting them for payment that the measurement and calculations are correct to the best of their knowledge and that the quantity being measure is subject to direct payment for the identified item under the contract.

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(d) Conserved topsoil. Excavated material conserved from the roadway excavation and embankment foundation area that is suitable for growth of grass, cover crops, or native vegetation. A material reasonably free from hard soil, rock, clay, toxic substances, litter, or other deleterious material.

(e) Waste. Excess and unsuitable roadway excavation and subexcavation that cannot be used. *Excavation from subbase reconstruction, unstable subgrade, or excess excavation will be used elsewhere on the project.*

Material

204.03 Conform to the following Subsections:

Backfill material	704.03
Select borrow	704.07
Topping	704.05
Unclassified borrow	704.06
Water	725.01

Construction Requirements

204.04 Preparation for Roadway Excavation and Embankment Construction. Clear the area of vegetation and obstructions according to Sections 201 and 203.

204.05 Conserved Topsoil. Conserve topsoil and other suitable soil, organic duff and material capable of supporting vegetation from roadway excavation and from embankment foundation areas to the extent and depth determined by the CO. Stockpile conserved topsoil in six feet maximum height windrows in approved locations. Separate topsoil from other excavated material. Place conserved topsoil on completed slopes according to Section 624.

204.06 Roadway Excavation. Excavate as follows:

(a) General. Do not disturb material and vegetation outside the construction limits.

Excavate material suitable for backfill, roadbed finishing, topping, or other purposes in a sequence that permits the placement of the excavation directly into its final position or in stockpiles for subsequent placing.

Incorporate only suitable material meeting the maximum particle size requirements designated in the construction drawings into the embankments.

At the end of each day's operations, shape to drain and compact the work area to a uniform cross-section. Eliminate all ruts and low spots that could hold water.

(b) Rock cuts. When blasting rock, use controlled blasting methods according to Subsection 205.07. Obliterate any evidence of mechanical scarring left by rock excavation. Excavate rock

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(c) Unclassified borrow, select borrow, and select topping. When a borrow excavation pay item (unclassified borrow, select borrow, and select topping) is shown in the bid schedule, measure by the cubic yard in original position. Do not measure borrow excavation used instead of excess roadway excavation. If borrow excavation is measured by the cubic yard, take initial cross-sections of the ground surface after stripping overburden. Upon completion of excavation and after the borrow source waste material is returned to the source, retake cross-sections before replacing the overburden.

(d) Embankment construction. When an embankment construction pay item is shown in the bid schedule, measure by the cubic yard in final position. Do not measure roadway excavation except as described in (3) below. Do not make deductions from the embankment construction quantity for the volume of minor structures.

(1) Include the following volumes in embankment construction:

- (a) Roadway embankments
- (b) Material used to backfill holes, pits, and other depressions
- (c) Material used for dikes, ramps, mounds, and berms

(2) Do not include the following in embankment construction:

- (a) Preparing foundations for embankment construction
- (b) Adjustments for subsidence or settlement of the embankment or of the foundation on which the embankment is placed
- (c) Material used to round fill slopes
- (d) Material used to backfill subexcavated areas
- (e) *Material used to construct detours, haul roads, and quarry reclamation.*

(3) When embankment construction and roadway excavation pay items are shown in the bid schedule, measure roadway excavation by the cubic yard in place in its original position and include only the following:

- (a) Unsuitable material below subgrade in cuts and unsuitable material beneath embankment areas when a pay item for subexcavation is not shown in the bid schedule.
- (b) Slide and slipout material not attributable to the Contractor's method of operations.
- (c) Drainage ditches, channel changes, and diversion ditches.

(e) Furrow ditches. Measure furrow ditches by the linear foot.

(f) Rounding cut slopes. Measure rounding cut slopes by the linear foot horizontally along the centerline of the roadway for each side of the roadway.

(g) Waste. Measure waste by the cubic yard in final position. Take initial cross-sections of the ground surface after stripping overburden. Upon completion of the waste placement, retake cross-sections before replacing overburden.

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- (a) Heat material for 240 ± 5 minutes at $425^{\circ}F \pm 3^{\circ}F$.
- (b) Cast material into bars of 1 square inch cross-sectional area, 3 inches long.
- (c) Place material with 1 inch extending above vise in cantilever beam (Izod Type) tester, using 25 inch-pound scale according to ASTM D 256.

(6) Bond Strength. Material shall have bond strength of not less than 150 pounds per square inch. Two concrete blocks, 2 inches by 3 inches by 7 inches, shall be cemented together on 3-inch by 7-inch faces with 1/16- to 1/8-inch layer of thermoplastic traffic line material and tested according to ASTM D 4796.

(7) Indentation Resistance. After heating material for 240 ± 5 minutes at $425^{\circ}F \pm 3^{\circ}F$, testing according to ASTM D 2240, and taking Shore Durometer readings after 15 seconds, material shall exhibit minimum hardness values, at designated testing temperature, as specified in Table Indentation Resistance.

TABLE INDENTATION RESISTANCE	
Temperature	Reading
115 degrees F	65
77 degrees F	95
40 degrees F	95

(d) Packaging. Clearly mark each unit container to clearly show color of material, process batch number or similar manufacturer's identification, manufacturer's name, plant address, and manufacture date. Each batch manufactured shall have its own, unique number. Label shall warn user that material shall be heated to $412.5^{\circ}F \pm 12.5^{\circ}F$ during application. Deliver material to a designated area in unit containers, such as sacks or bags, as processed by manufacturer; and shall weigh more than 24 pounds but less than 52 pounds, or as directed by the CO.

(e) Warranty. Furnish a warranty meeting the requirements of Hawaii Department of Transportation Standard Specification (latest edition) Section 755.05. Upon acceptance of the project, the warranty will automatically transfer to the Hawaii Department of Transportation. Meet all warranty requirements.

718.20 Raised Pavement Markers. Delete the text and substitute the following:
 Material for Raised Pavement Markers will conform to HDOT Standard Specification 712.40 for the Type Specified.