

**STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION**

**ADDENDUM NO. 1
for
INSTALLATION OF ENHANCED PAVEMENT MARKING AND NEW MILLED
RUMBLE STRIP AT VARIOUS LOCATIONS
ISLAND OF OAHU**

FEDERAL-AID PROJECT NO. HSIP-0300(155)

The following amendments shall be made to the Bid Documents:

A. SPECIFICATIONS

1. Replace Table of Contents dated 8/8/18 with the attached Table of Contents dated 9/13/18.
2. Replace Pages 103-1a through 103-5a dated 2/7/18 with the attached Pages 103-1a through 103-5a dated 9/13/18.
3. Replace Pages 615-1a through 615-3a dated 2/7/18 with the attached Pages 615-1a through 615-5a dated 9/13/18.

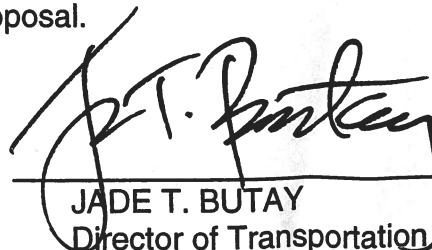
B. PROPOSAL

1. Replace Pages P-8 through P-16 dated 8/22/2018 with the attached Pages P-8 through P-16 dated 9/13/2018.

C. PRE-BID MEETING NOTES

1. Attached are the September 7, 2018 Pre-Bid Meeting Notes and Attendance Sheet for your information.

Please acknowledge receipt of this Addendum No. 1 by recording the date of its receipt in the space provided on page P-4 of the Proposal.



JADE T. BUTAY
Director of Transportation

Addendum No. 1
9/13/18

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Special Provisions Title Page

Special Provisions:

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1 Make this section a part of the Standard Specifications:
2
3

4 **"SECTION 103 - AWARD AND EXECUTION OF CONTRACT**

5 **103.01 Consideration of Proposals.** The Department will compare the
6 proposals in terms of the summation of the products of the approximate
7 quantities and the unit bid prices after the Contracts Officer opens and reads the
8 proposals. The Department will make the results immediately available to the
9 public. If a discrepancy occurs between the unit bid price and the bid price,
10 the unit bid price shall govern.

11 The "Buy America" provisions in the Surface Transportation Assistance
12 Act of 1982 is applicable to Federal-aid projects. Bidders may submit a bid
13 based upon the furnishing and use of domestic steel or foreign steel.
14 Manufacturing processes for domestic steel shall occur in the United States.
15

16 The Department will consider the bid based on furnishing domestic steel.
17

18 The Department reserves the right to reject proposals, waive
19 technicalities or advertise for new proposals, if the rejection, waiver, or new
20 advertisement favors the Department.
21

22 **103.02 Award of Contract.** The award of contract, if it be awarded, will
23 be made within 60 calendar days after the opening of bids, to the lowest
24 responsible bidder whose proposal complies with all the requirements. The
25 successful bidder will be notified by letter mailed to the address shown in its
26 proposal, that its proposal has been accepted, and that it has been awarded
27 the contract.
28

29 (1) **Requirement for Award.** To be eligible for award, the
30 apparent low bidder will be contacted to submit copies of the
31 documents listed below to demonstrate compliance with HRS
32 Section 103D-310(c). The documents should be submitted to the
33 Department as soon as possible. If a valid certificate/clearance is
34 not submitted on a timely basis for award of a contract, a bidder
35 otherwise responsive and responsible may not receive the award.
36 See also Subsection 108.03 - Preconstruction Data Submittal.
37

38 (A) **Tax Clearance.** Pursuant to HRS Sections 103D-310(c), 103-53
39 and 103D-328, the successful bidder shall be required to submit a
40 certified copy of its tax clearance issued by the Hawaii State Department
41 of Taxation (DOTAX) and the Internal Revenue Service (IRS) to
42 demonstrate its compliance with HRS Chapter 237. A tax clearance is
43 valid for six (6) months from the most recent approval stamp date on the
44 tax clearance and must be valid on the bid's first legal advertisement date
45 or any date thereafter up to the bid opening date.
46
47
48
49
50

51 FORM A6, TAX CLEARANCE CERTIFICATE, is available at
52 the following website:
53
54

55 <http://www.hawaii.gov/tax/>

56 To receive DOTAX Forms by fax or mail, phone
57 (808) 587-7572 or 1-800-222-7572.

58 The application for the Tax Clearance Certificate is the
59 responsibility of the bidder and must be submitted directly to the DOTAX
60 or IRS. The approved certificate may then be submitted to the
61 Department.

62
63 (B) **DLIR Certificate of Compliance.** Pursuant to HRS Section
64 103D-310(c), the successful bidder shall be required to submit a copy
65 (faxed copies are acceptable) of its approved certificate of compliance
66 issued by the Hawaii State Department of Labor and Industrial Relations
67 (DLIR) to demonstrate its compliance with unemployment insurance (HRS
68 Chapter 383), workers' compensation (HRS Chapter 386), temporary
69 disability insurance (HRS Chapter 392), and prepaid health care (HRS
70 Chapter 393). The certificate is valid for six (6) months from the most
71 recent approval stamp date on the certificate and must be valid on the
72 bid's first legal advertisement date or any date thereafter up to the bid
73 opening date. For certificates which receive a "pending" approval
74 stamp, a DLIR approval stamp is required prior to the issuance of the
75 Notice to Proceed.

76
77 FORM LIR#27, APPLICATION FOR CERTIFICATE OF
78 COMPLIANCE WITH SECTION 3-122-112, HAR, is available at the
79 following website:

80 www.hawaii.gov/labor

81
82 More information is available by calling the DLIR Unemployment
83 Insurance Division at (808) 586-8926.

84
85 Inquiries regarding the status of a LIR#27 Form may be made by
86 calling the DLIR Disability Compensation Division at (808) 586-9200.

87
88 The application for the Certificate of Compliance is the
89 responsibility of the bidder and must be submitted directly to the DLIR.
90 The approved certificate may then be submitted to the Department.

91
92 (C) **DCCA Certificate of Good Standing.** Pursuant to HRS Section
93 103D-310(c), the successful bidder shall be required to submit a copy
94 (faxed copies are acceptable) of its approved Certificate of Good Standing
95 issued by the Hawaii State Department of Commerce and Consumer
96 Affairs (DCCA), Business Registration Division (BREG) to demonstrate
97 that it is either:

- 98
99
100 (1) Incorporated or organized under the laws of the State; or

103 (2) Registered to do business in the State as a separate branch
104 or division that is capable of fully performing under the contract.
105

106 The Certificate of Good Standing is valid for six (6) months from the
107 approval date on the certificate and must be valid on the bid's first legal
108 advertisement date or any date thereafter up to the bid opening date. A
109 Hawaii business that is a sole proprietorship, however, is not required to
110 register with the BREG, and therefore not required to submit a Certificate
111 of Good Standing. Bidders are advised that there are costs associated
112 with registering and obtaining a Certificate of Good Standing from the
113 DCCA.

114 To purchase a CERTIFICATE OF GOOD STANDING, go to On-
115 Line Services at the following website:
116

117 www.hawaii.gov/dcca/
118

119 The application for the Certificate of Good Standing is the
120 responsibility of the bidder and must be submitted directly to the DCCA.
121 The approved certificate may then be submitted to the Department.
122

123 (D) **Hawaii Compliance Express (HCE).** In lieu of the certificates
124 referenced above, the bidder may make available proof of compliance
125 through the Hawaii Compliance Express or any other designated
126 certification process. Bidders may apply and register at the "Hawaii
127 Compliance Express" website:
128

129 <https://vendors.ehawaii.gov/hce/splash/welcome.html>
130

131 This contract to be awarded is considered a requirement contract, as the
132 pavement marking and rumble strip installation by the Contractor will be made on
133 an "as-needed" basis during the 12-month contract period. The State gives no
134 assurance as to the number of services it will purchase.
135

136 The bidder must maintain an office on the Island of Oahu to be awarded
137 the contract.
138

139 **103.03 Cancellation of Award.** The Department reserves the right to
140 cancel the award of contracts before the execution of said contract by the
141 parties. There will be no liability to the awardee and to other bidders.
142

143 **103.04 Return of Proposal Guaranty.** The Department will return the
144 proposal guaranties, except those of the three lowest bidders, after the
145 Department checks the proposals. The Department will return the proposal
146 guaranties of the remaining two lowest bidders not awarded the contract within
147 five working days following the execution of the contract. The Department will
148 return the successful bidder's proposal guaranty after the successful bidder
149 furnishes a bond and executes the contract.
150

151
152 **103.05 Requirement of Contract Bond.** At the time of execution of the
153 contract, the successful bidder shall file a good and sufficient performance bond
154 and a payment bond on the forms furnished by the Department conditioned for
155 the full and faithful performance of the contract in accordance with the terms and
156 intent thereof and for the prompt payment to all others for all labor and material
157 furnished by them to the bidder and used in the prosecution of the work provided
158 for in the contract.

159
160 The contract bond required shall be furnished by the Contractor for the
161 term of the contract (12 months). The bond of the contract shall be submitted
162 to the State, or such additional time as may be granted by the State. Such
163 bond for each extended year may be extensions of the original bond by
164 endorsements thereto. The bidder shall limit the acceptable performance and
165 payment bonds to the following:

166
167 (a) Legal tender;

168
169 (b) Surety bond underwritten by a company licensed to issue bonds
170 in the State of Hawaii; or

171
172 (c) A certificate of deposit; share certificate; cashier's check;
173 treasurer's check, teller's check drawn by or a certified check
174 accepted by and payable on demand to the State by a bank savings
175 institution or credit union insured by the Federal Deposit Insurance
176 Corporation (FDIC) or the National Credit Union Administration
177 (NCUA).

178
179 1. The bidder may use these instruments only to a maximum of
180 \$100,000.

181
182 2. If the required security or bond amount totals over \$100,000
183 more than one instrument not exceeding \$100,000 each and
184 issued by different financial institutions shall be acceptable.

185
186 Such bonds shall also by the terms inure to the benefit of any and all
187 persons entitled to file claims for labor done or material furnished in the work so
188 as to give them a right of action as contemplated by HRS Section 103D-324.

189
190 In as much as the contract to be executed is a price-term, open end, or
191 requirements contract under which the contract price, or total amount to be paid
192 the Contractor cannot be determined at the time the contract is executed, the
193 performance and payment bond amounts required for the work at each Area
194 shall be as follows:

198	<u>Proposal</u>	<u>Security Amount</u>
199		
200	A – Area 1	\$125,000.00
201	B – Area 2	\$125,000.00
202	C – Area 3	\$125,000.00
203	D – Area 4	\$125,000.00

204
 205 **103.06 Execution of the Contract.** The contract bond and HRS Chapter
 206 104 - Compliance Certificate, similar to a copy of the same annexed hereto,
 207 shall be executed by the successful bidder and returned within ten days after the
 208 award of the contract or within such further time as the Director may allow after
 209 the bidder has received the contract for execution.

210
 211 The contract shall not bind the Department unless said parties execute
 212 the contract and the Director of Finance endorses the bidder's certificate in
 213 accordance with HRS Section 103-39.

214
 215 **103.07 Failure to Execute Contract.** Failure to execute the contract and
 216 file acceptable bonds shall be cause for the cancellation of the award in
 217 accordance with Subsection 103.06 - Execution of the Contract. Also, the
 218 Contractor forfeits the proposal guaranty which becomes the property of the
 219 Department. This is not a penalty, but liquidated damages sustained by the
 220 State. The Department may then make award to the next lowest responsible
 221 bidder or the Department may readvertise and construct the work under
 222 contract."

223
 224
 225
 226

END OF SECTION 103

1 Make the following Section a part of the Standard Specifications:

2
3
4 **"SECTION 615 – MILLED RUMBLE STRIP**

5
6 **615.01 Description.** This section describes constructing Centerline and
7 Edgeline Milled Rumble Strips (MRS) in HMA pavement.

8
9 **615.02 Materials.** None.

10
11 **615.03 Construction.**

12
13 **(A) Submittal.** Method of constructing the milled rumble strip shall
14 be submitted to the Engineer for acceptance. Meeting shall be
15 scheduled 14 days before start of construction work. Discuss sequence
16 of work plans, and proposal for dust control.

17
18 **(B) Equipment.** Milling equipment shall be equipped with a rotary-
19 type cutting head with cutting tips arranged in a pattern as to provide a
20 relatively smooth cut, approximately 1/16 inches between peaks and
21 valleys.

22
23 The cutting head(s) shall be on a suspension independent from the
24 power unit to allow the head(s) to self-align with surface slopes and
25 irregularities.

26
27 The machine shall have a guidance system that provides
28 consistent alignment of each cut in relation to the roadway and provide
29 uniformity and consistency throughout the project.

30
31 **(C) Longitudinal Spacing.** The Milled Rumble Strips (MRS) shall be
32 placed perpendicular to the roadway with longitudinal spacing as follow:

33
34 Centerline MRS: 20 inch on-center (milled across centerline)
35 Edgeline MRS: 12 inch on-center (within edgeline)

36
37 The 20 inch on-center longitudinal spacing for Centerline MRS is
38 designed to accommodate multiple centerline pavement striping and
39 raised pavement marker configurations. It will allow placement of raised
40 pavement markers between the milled concave depressions.

41
42 **(D) Milling Operations.** Clean pavement surface before constructing
43 the rumble strips. Mill the concave depressions to the dimensions shown
44 in the plans.

Align the concave depressions as shown in the plans. Alignment of milled rumble strips shall not deviate from the plans more than ± 2 inches.

After the concave depressions are milled into the pavement surface, use a power broom or sweeper/vacuum to collect the waste material resulting from the milling operations.

Contractor shall dispose the waste material as directed by the Engineer at no increase in contract price or contract time.

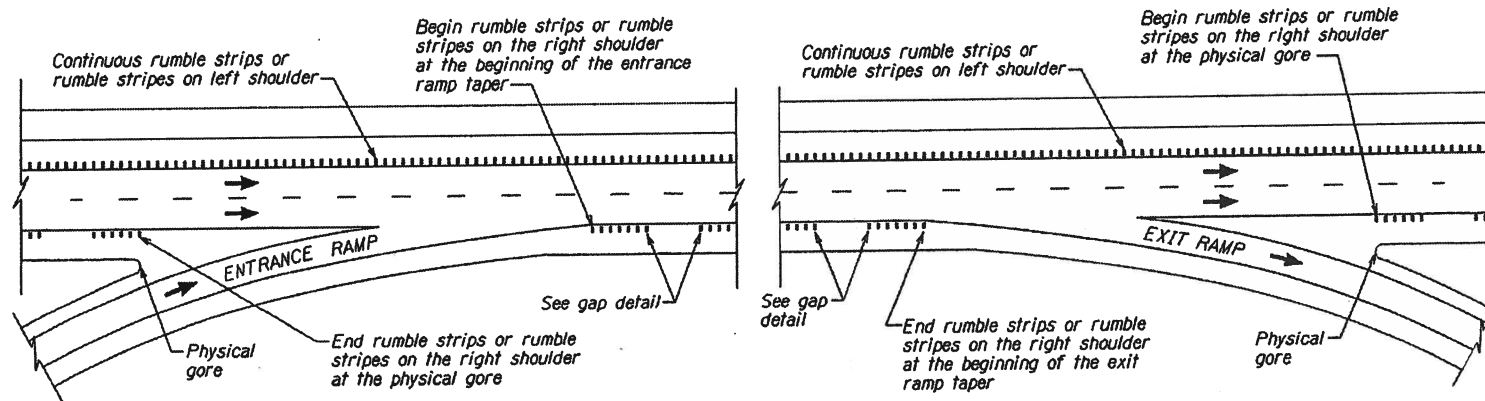
615.04 Measurement. The Engineer will measure for furnishing and installing milled rumble strip per linear foot.

615.05 Payment. The Engineer will pay for the accepted milled rumble strip on at the contract unit price per linear foot. Payment will be full compensation for the work prescribed in this section and the contract documents.

The Engineer will pay for the following pay item when included in the proposal schedule:

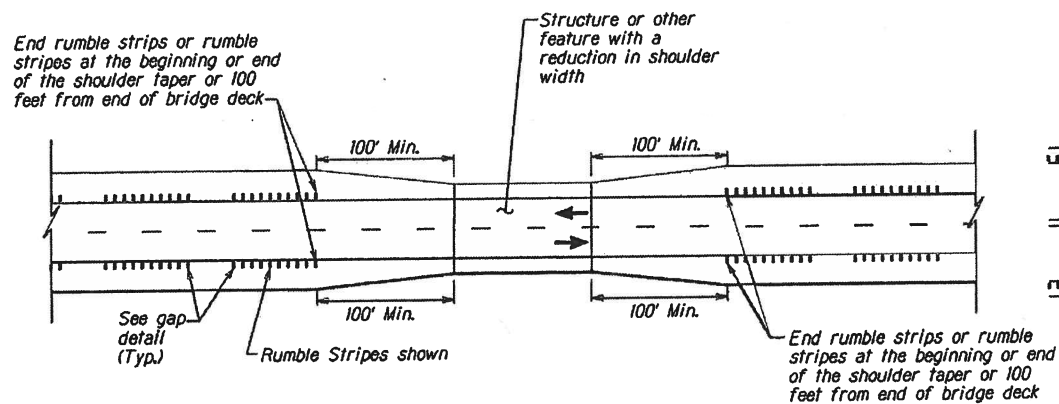
Pay Item	Pay Unit
16-Inch Milled Rumble Strip, Centerline	Linear Foot
12-Inch Milled Rumble Strip, Edgeline	Linear Foot"

END OF SECTION 615



DIVIDED HIGHWAY

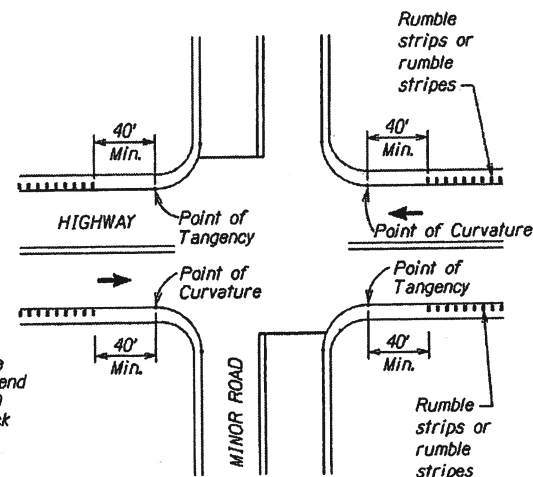
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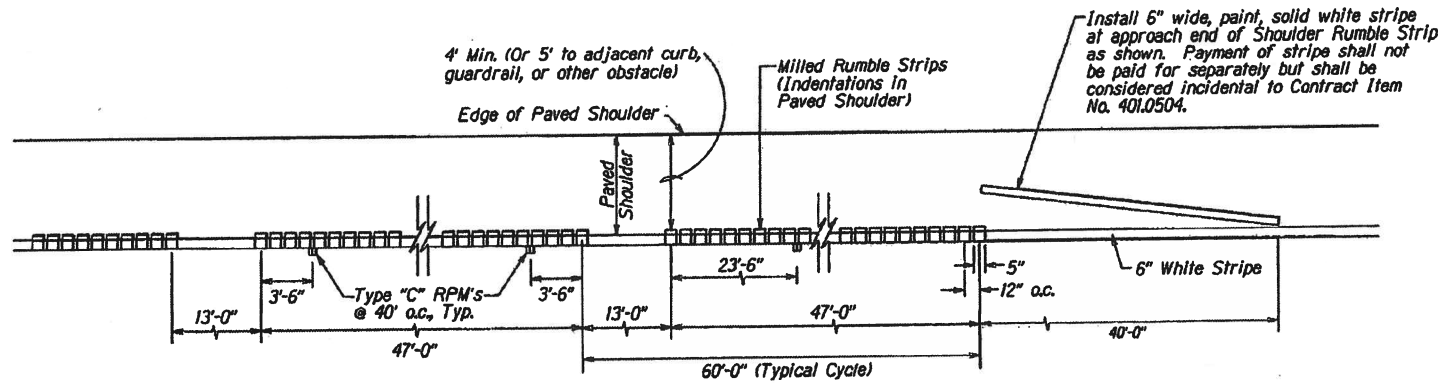
NARROWED SHOULDER

TWO-LANE HIGHWAY

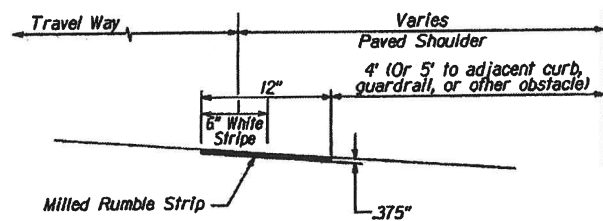
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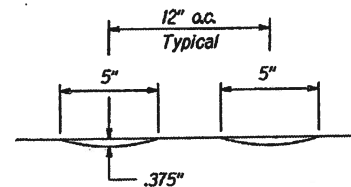
INTERSECTION



PLAN - MILLED EDGE LINE RUMBLE STRIPE
Not to Scale



LONGITUDINAL SECTION - MILLED EDGE LINE RUMBLE STRIPE



CROSS SECTION
MILLED EDGE LINE RUMBLE STRIPE
Not to Scale

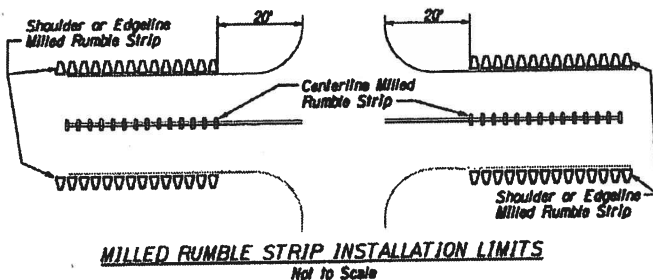
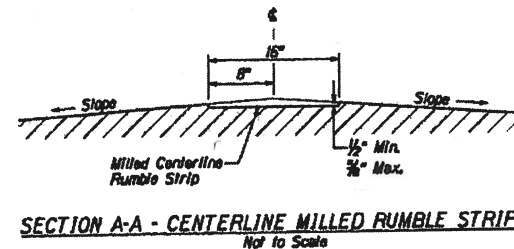
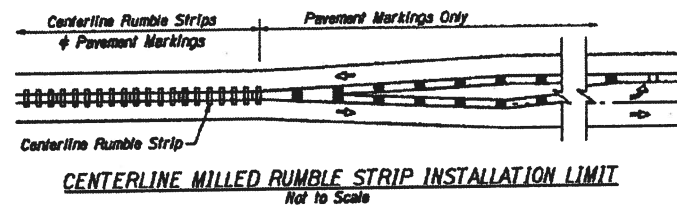
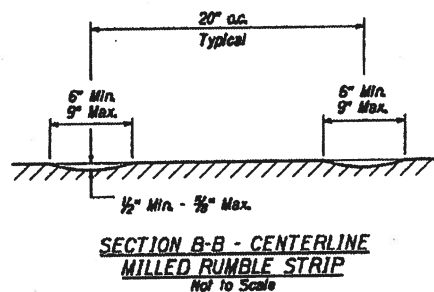
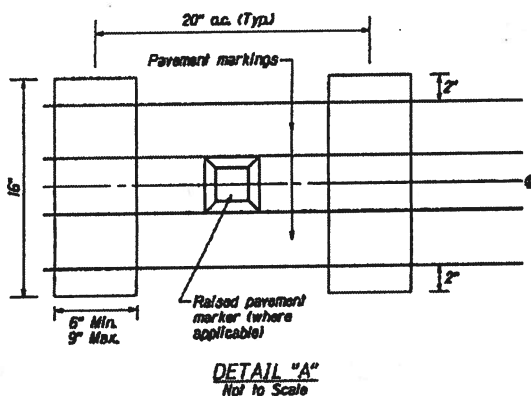
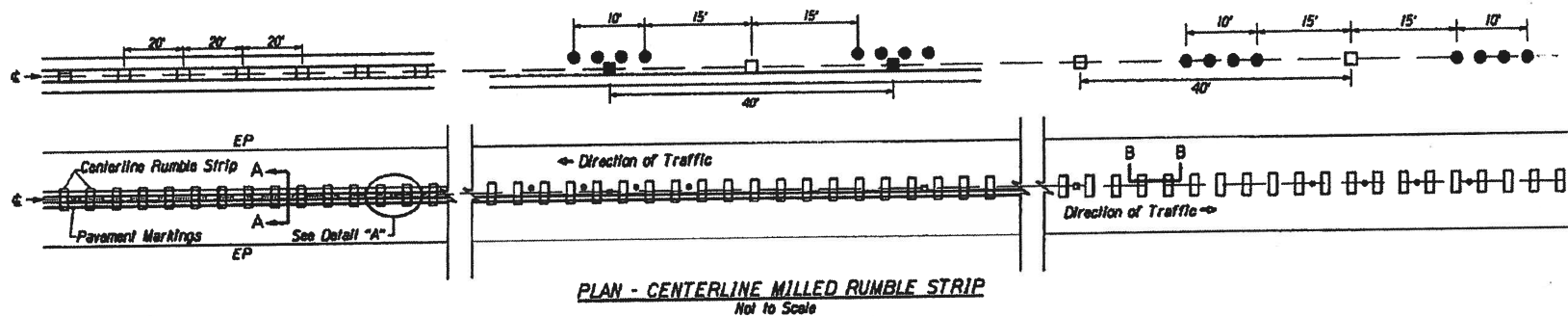
NOTES:

1. Edge line rumble stripe should not be used unless 4 feet of clear shoulder width for bicycle use is available between the rumble strips and the outer edge of the paved shoulder.
2. Do not place Type "C" markers within 2 feet of the 13 feet Rumble Strip opening.

EDGE LINE RUMBLE STRIPES

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NOTES:

1. Dimensions shown are approximate. Adjust rumble strip spacing to coordinate with pavement markings prior to installation.
2. Raised pavement markers shall be installed on level surface between the rumble strips. Do not install raised pavement markers inside the milled area.
3. Do not install centerline rumble strips on bridge decks.
4. Where at-grade bridges are present, rumble strips shall end/begin 20 L.F. beyond the existing bridge deck joints/concrete approach slab.
5. Hot spray thermoplastic shall be used for solid line markings within the milled centerline rumble strip area.

CENTERLINE RUMBLE STRIPS

PROPOSAL SCHEDULE - AREA 1

ITEM NO.	ITEM DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
615.0110	16-Inch Milled Rumble Strip, Centerline	250,000	LF	\$ _____	\$ _____
615.1113	12-Inch Milled Rumble Strip, Edgeline	100,000	LF	\$ _____	\$ _____
629.1000	4-Inch Pavement Striping (Thermoplastic Hot Spray)	500,000	LF	\$ _____	\$ _____
629.1010	4-Inch Pavement Striping (Thermoplastic Extrusion)	1,000	LF	\$ _____	\$ _____
629.1013	8-Inch Pavement Striping (Thermoplastic Extrusion)	2,500	LF	\$ _____	\$ _____
629.1016	12-Inch Pavement Striping (Thermoplastic Extrusion)	1,000	LF	\$ _____	\$ _____
629.1018	Double 4-Inch Pavement Striping (Thermoplastic Hot Spray)	250,000	LF	\$ _____	\$ _____
629.1020	Double 4-Inch Pavement Striping (Thermoplastic Extrusion)	250,000	LF	\$ _____	\$ _____
629.1023	4-Inch Pavement Striping (Profiled Thermoplastic)	100	LF	\$ _____	\$ _____
629.1030	Crosswalk Markings (Thermoplastic Extrusion)	50	LN	\$ _____	\$ _____
629.1040	Pavement Arrows (Thermoplastic Extrusion)	50	EA	\$ _____	\$ _____
629.1050	Pavement Words (Thermoplastic Extrusion)	6	EA	\$ _____	\$ _____
629.1060	Yield Line (Thermoplastic Extrusion)	50	LN	\$ _____	\$ _____
629.2010	Type A Pavement Markers	50	EA	\$ _____	\$ _____
629.2011	Type C Pavement Markers	7,500	EA	\$ _____	\$ _____
629.2012	Type D Pavement Markers	7,500	EA	\$ _____	\$ _____
629.2013	Type H Pavement Markers	1,000	EA	\$ _____	\$ _____
629.2014	Type J Pavement Markers	50	EA	\$ _____	\$ _____
629.2020	Removing and Disposing Crosswalk Marking	50	LN	\$ _____	\$ _____

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PROPOSAL SCHEDULE - AREA 1

ITEM NO.	ITEM DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
629.2021	Removing and Disposing Yield Line Marking	50	LN	\$ _____	\$ _____
629.2022	Removing and Disposing Temporary Markers	7,500	EA	\$ _____	\$ _____
629.2023	Removing and Disposing Temporary Striping	5,000	LF	\$ _____	\$ _____
629.2024	Removing and Disposing of Existing Pavement Striping	10,000	LF	\$ _____	\$ _____
629.3000	Pavement Marking Layout for New Pavement	125,000	LF	\$ _____	\$ _____
632.1000	Reflector Marker, Type A Delineator (RM-1)	50	EA	\$ _____	\$ _____
632.1100	Reflector Marker, Type A Delineator (RM-2)	50	EA	\$ _____	\$ _____
632.1200	Reflector Marker, Type A Delineator (RM-3)	50	EA	\$ _____	\$ _____
645.1000	Electronic Message Board (per Day)	1	EA	\$ _____	\$ _____
645.2000	Additional Police Officers, Additional Traffic Control Devices, and Advertisement	FA	FA	FA	\$ <u>50,000.00</u>
a. Sum of All Items - Area 1					\$ _____
NOTE: Bidders must complete all unit prices and amounts. Failure to do so may be grounds for rejection of bids.					

PROPOSAL SCHEDULE - AREA 2

ITEM NO.	ITEM DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
615.0110	16-Inch Milled Rumble Strip, Centerline	250,000	LF	\$ _____	\$ _____
615.1113	12-Inch Milled Rumble Strip, Edgeline	100,000	LF	\$ _____	\$ _____
629.1000	4-Inch Pavement Striping (Thermoplastic Hot Spray)	500,000	LF	\$ _____	\$ _____
629.1010	4-Inch Pavement Striping (Thermoplastic Extrusion)	1,000	LF	\$ _____	\$ _____
629.1013	8-Inch Pavement Striping (Thermoplastic Extrusion)	2,500	LF	\$ _____	\$ _____
629.1016	12-Inch Pavement Striping (Thermoplastic Extrusion)	1,000	LF	\$ _____	\$ _____
629.1018	Double 4-Inch Pavement Striping (Thermoplastic Hot Spray)	250,000	LF	\$ _____	\$ _____
629.1020	Double 4-Inch Pavement Striping (Thermoplastic Extrusion)	250,000	LF	\$ _____	\$ _____
629.1023	4-Inch Pavement Striping (Profiled Thermoplastic)	100	LF	\$ _____	\$ _____
629.1030	Crosswalk Markings (Thermoplastic Extrusion)	50	LN	\$ _____	\$ _____
629.1040	Pavement Arrows (Thermoplastic Extrusion)	50	EA	\$ _____	\$ _____
629.1050	Pavement Words (Thermoplastic Extrusion)	6	EA	\$ _____	\$ _____
629.1060	Yield Line (Thermoplastic Extrusion)	50	LN	\$ _____	\$ _____
629.2010	Type A Pavement Markers	50	EA	\$ _____	\$ _____
629.2011	Type C Pavement Markers	7,500	EA	\$ _____	\$ _____
629.2012	Type D Pavement Markers	7,500	EA	\$ _____	\$ _____
629.2013	Type H Pavement Markers	1,000	EA	\$ _____	\$ _____
629.2014	Type J Pavement Markers	50	EA	\$ _____	\$ _____
629.2020	Removing and Disposing Crosswalk Marking	50	LN	\$ _____	\$ _____

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PROPOSAL SCHEDULE - AREA 2

ITEM NO.	ITEM DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
629.2021	Removing and Disposing Yield Line Marking	50	LN	\$ _____	\$ _____
629.2022	Removing and Disposing Temporary Markers	7,500	EA	\$ _____	\$ _____
629.2023	Removing and Disposing Temporary Striping	5,000	LF	\$ _____	\$ _____
629.2024	Removing and Disposing of Existing Pavement Striping	10,000	LF	\$ _____	\$ _____
629.3000	Pavement Marking Layout for New Pavement	125,000	LF	\$ _____	\$ _____
632.1000	Reflector Marker, Type A Delineator (RM-1)	50	EA	\$ _____	\$ _____
632.1100	Reflector Marker, Type A Delineator (RM-2)	50	EA	\$ _____	\$ _____
632.1200	Reflector Marker, Type A Delineator (RM-3)	50	EA	\$ _____	\$ _____
645.1000	Electronic Message Board (per Day)	1	EA	\$ _____	\$ _____
645.2000	Additional Police Officers, Additional Traffic Control Devices, and Advertisement	FA	FA	FA	\$ <u>50,000.00</u>
a. Sum of All Items - Area 2					\$ _____
NOTE: Bidders must complete all unit prices and amounts. Failure to do so may be grounds for rejection of bids.					

PROPOSAL SCHEDULE - AREA 3

ITEM NO.	ITEM DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
615.0110	16-Inch Milled Rumble Strip, Centerline	250,000	LF	\$ _____	\$ _____
615.1113	12-Inch Milled Rumble Strip, Edgeline	100,000	LF	\$ _____	\$ _____
629.1000	4-Inch Pavement Striping (Thermoplastic Hot Spray)	500,000	LF	\$ _____	\$ _____
629.1010	4-Inch Pavement Striping (Thermoplastic Extrusion)	1,000	LF	\$ _____	\$ _____
629.1013	8-Inch Pavement Striping (Thermoplastic Extrusion)	2,500	LF	\$ _____	\$ _____
629.1016	12-Inch Pavement Striping (Thermoplastic Extrusion)	1,000	LF	\$ _____	\$ _____
629.1018	Double 4-Inch Pavement Striping (Thermoplastic Hot Spray)	250,000	LF	\$ _____	\$ _____
629.1020	Double 4-Inch Pavement Striping (Thermoplastic Extrusion)	250,000	LF	\$ _____	\$ _____
629.1023	4-Inch Pavement Striping (Profiled Thermoplastic)	100	LF	\$ _____	\$ _____
629.1030	Crosswalk Markings (Thermoplastic Extrusion)	50	LN	\$ _____	\$ _____
629.1040	Pavement Arrows (Thermoplastic Extrusion)	50	EA	\$ _____	\$ _____
629.1050	Pavement Words (Thermoplastic Extrusion)	6	EA	\$ _____	\$ _____
629.1060	Yield Line (Thermoplastic Extrusion)	50	LN	\$ _____	\$ _____
629.2010	Type A Pavement Markers	50	EA	\$ _____	\$ _____
629.2011	Type C Pavement Markers	7,500	EA	\$ _____	\$ _____
629.2012	Type D Pavement Markers	7,500	EA	\$ _____	\$ _____
629.2013	Type H Pavement Markers	1,000	EA	\$ _____	\$ _____
629.2014	Type J Pavement Markers	50	EA	\$ _____	\$ _____
629.2020	Removing and Disposing Crosswalk Marking	50	LN	\$ _____	\$ _____

ADDENDUM NO. 1

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PROPOSAL SCHEDULE - AREA 3

ITEM NO.	ITEM DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
629.2021	Removing and Disposing Yield Line Marking	50	LN	\$ _____	\$ _____
629.2022	Removing and Disposing Temporary Markers	7,500	EA	\$ _____	\$ _____
629.2023	Removing and Disposing Temporary Striping	5,000	LF	\$ _____	\$ _____
629.2024	Removing and Disposing of Existing Pavement Striping	10,000	LF	\$ _____	\$ _____
629.3000	Pavement Marking Layout for New Pavement	125,000	LF	\$ _____	\$ _____
632.1000	Reflector Marker, Type A Delineator (RM-1)	50	EA	\$ _____	\$ _____
632.1100	Reflector Marker, Type A Delineator (RM-2)	50	EA	\$ _____	\$ _____
632.1200	Reflector Marker, Type A Delineator (RM-3)	50	EA	\$ _____	\$ _____
645.1000	Electronic Message Board (per Day)	1	EA	\$ _____	\$ _____
645.2000	Additional Police Officers, Additional Traffic Control Devices, and Advertisement	FA	FA	FA	\$ <u>50,000.00</u>
a. Sum of All Items - Area 3					\$ _____
NOTE: Bidders must complete all unit prices and amounts. Failure to do so may be grounds for rejection of bids.					

PROPOSAL SCHEDULE - AREA 4

ITEM NO.	ITEM DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
615.0110	16-Inch Milled Rumble Strip, Centerline	250,000	LF	\$ _____	\$ _____
615.1113	12-Inch Milled Rumble Strip, Edgeline	100,000	LF	\$ _____	\$ _____
629.1000	4-Inch Pavement Striping (Thermoplastic Hot Spray)	500,000	LF	\$ _____	\$ _____
629.1010	4-Inch Pavement Striping (Thermoplastic Extrusion)	1,000	LF	\$ _____	\$ _____
629.1013	8-Inch Pavement Striping (Thermoplastic Extrusion)	2,500	LF	\$ _____	\$ _____
629.1016	12-Inch Pavement Striping (Thermoplastic Extrusion)	1,000	LF	\$ _____	\$ _____
629.1018	Double 4-Inch Pavement Striping (Thermoplastic Hot Spray)	250,000	LF	\$ _____	\$ _____
629.1020	Double 4-Inch Pavement Striping (Thermoplastic Extrusion)	250,000	LF	\$ _____	\$ _____
629.1023	4-Inch Pavement Striping (Profiled Thermoplastic)	100	LF	\$ _____	\$ _____
629.1030	Crosswalk Markings (Thermoplastic Extrusion)	50	LN	\$ _____	\$ _____
629.1040	Pavement Arrows (Thermoplastic Extrusion)	50	EA	\$ _____	\$ _____
629.1050	Pavement Words (Thermoplastic Extrusion)	6	EA	\$ _____	\$ _____
629.1060	Yield Line (Thermoplastic Extrusion)	50	LN	\$ _____	\$ _____
629.2010	Type A Pavement Markers	50	EA	\$ _____	\$ _____
629.2011	Type C Pavement Markers	7,500	EA	\$ _____	\$ _____
629.2012	Type D Pavement Markers	7,500	EA	\$ _____	\$ _____
629.2013	Type H Pavement Markers	1,000	EA	\$ _____	\$ _____
629.2014	Type J Pavement Markers	50	EA	\$ _____	\$ _____
629.2020	Removing and Disposing Crosswalk Marking	50	LN	\$ _____	\$ _____

ADDENDUM NO. 1

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PROPOSAL SCHEDULE - AREA 4

ITEM NO.	ITEM DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
629.2021	Removing and Disposing Yield Line Marking	50	LN	\$ _____	\$ _____
629.2022	Removing and Disposing Temporary Markers	7,500	EA	\$ _____	\$ _____
629.2023	Removing and Disposing Temporary Striping	5,000	LF	\$ _____	\$ _____
629.2024	Removing and Disposing of Existing Pavement Striping	10,000	LF	\$ _____	\$ _____
629.3000	Pavement Marking Layout for New Pavement	125,000	LF	\$ _____	\$ _____
632.1000	Reflector Marker, Type A Delineator (RM-1)	50	EA	\$ _____	\$ _____
632.1100	Reflector Marker, Type A Delineator (RM-2)	50	EA	\$ _____	\$ _____
632.1200	Reflector Marker, Type A Delineator (RM-3)	50	EA	\$ _____	\$ _____
645.1000	Electronic Message Board (per Day)	1	EA	\$ _____	\$ _____
645.2000	Additional Police Officers, Additional Traffic Control Devices, and Advertisement	FA	FA	FA	\$ <u>50,000.00</u>
a. Sum of All Items - Area 4					\$ _____
NOTE: Bidders must complete all unit prices and amounts. Failure to do so may be grounds for rejection of bids.					

PROPOSAL SCHEDULE - SUMMARY

	ITEM DESCRIPTION				AMOUNT
	TOTAL OF ALL ITEMS - AREA 1				\$ _____
	TOTAL OF ALL ITEMS - AREA 2				\$ _____
	TOTAL OF ALL ITEMS - AREA 3				\$ _____
	TOTAL OF ALL ITEMS - AREA 4				\$ _____

INSTALLATION OF ENHANCED PAVEMENT MARKING AND NEW MILLED RUMBLE STRIP AT VARIOUS LOCATIONS

**FEDERAL-AID PROJECT NO. HSIP-0700(079) KAUAI
FEDERAL-AID PROJECT NO. HSIP-0300(155) OAHU**

PRE-BID MEETING NOTES SEPTEMBER 7, 2018

The following notes are from the Hawaii Department of Transportation (HDOT) pre-bid meeting with prospective bidders for the Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations on Kauai and Oahu.

The meeting was held at the Kakuhihewa Building in Kapolei, Room 609 at 9:30 am.

Sign-in sheets with the names of the attendees are attached.

All attendees were reminded that since this is an open-ended project, the Contractor's bid security must be in the amount of \$6,250 per area for Oahu and \$12,500 per area for Kauai. Bidders shall submit separate bid securities for each area.

Attendees were also reminded that each bidder must maintain an office on the island to be awarded the contract. Please refer to Special Provisions Section 103.02 for more information.

Questions:

1. Does this contract take the place of the existing maintenance contracts? Or is it a separate contract?

It is a separate contract.

2. Will these contracts take precedence because they use federal money?

It might. The Construction Engineer will decide which contract to use and when.

These Federal-Aid contracts are intended for specific areas of construction whereas the maintenance contracts are used on an as needed basis all over the island.

3. Will work orders be issued, similar to the existing maintenance contracts? Are they planned out? Is there a certain sequence?

Work orders will be issued by the Construction Engineer, same as the existing contracts. The Construction Engineer will decide the sequence.

4. Is this contract only for striping work or will HDOT be advertising an open-end paving contract too?

Yes. Paving contracts for Oahu and Kauai will be advertised shortly.

5. Item No. 629.2024, Removing and Disposing of Existing Pavement Striping is confusing. What is the intent of this item? It's usually needed when there's a lane shift, not when replacing worn striping. 750,000 LF seems like a large amount.

Since these contracts do not have a defined scope of work, all possible bid items must be considered and included in the contract. Item No. 629.2024 will remain in the Oahu Proposal Schedule, however, the Approx. Quantity will be reduced to 10,000 LF.

6. Items Nos. 632.1000 – 632.1200 are mounted on sign posts, not on the pavement. Should they be included in this contract?

These items are considered delineators and will remain in the Oahu Proposal Schedule.

7. Does Item No. 629.1000, 4-Inch Pavement Striping (Thermoplastic Hot Spray) include payment for the double 4-inch centerline?

An item for double 4-inch centerline, hot spray will be added to the Oahu Proposal Schedule.

8. Is HDOT still using Type A and Type J pavement markers?

Yes.

9. Regarding the Centerline Rumble Strips detail, Spec Section 615, should the Type J markers be replaced with 4" stripe?

Using 4" striping instead of Type J markers has not yet been approved as a standard practice so detail drawing on Page 615-3a shall remain as is.

The meeting ended at 10:05 am.

All items discussed at this meeting are for clarification only. The bid documents shall govern over anything said at the meeting and discrepancies shall be clarified in Addendum No. 1.

**INSTALLATION OF ENHANCED PAVEMENT MARKING
AND NEW MILLED RUMBLE STRIP
AT VARIOUS LOCATIONS
OAHU**

FEDERAL AID PROJECT NO. HSIP-0300(155)

PRE-BID MEETING

September 7, 2018

9:30 AM

NO.	NAME	COMPANY	PHONE NO.
1	AUBREY RENTERIA	PAVE-TECH INC.	(760) 216-7570
2	Trent Caban	Apply-A-Line	841-0940
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5			
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