STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ADDENDUM NO. 1
for
LILIHA STREET REHABILITATION
NORTH KING STREET TO SCHOOL STREET
PROJECT NO. 7413A-01-04M

The following amendments shall be made to the Bid Documents:

A. SPECIFICATIONS

1. Replace Special Provision section 511-1a dated 12/9/13 with the attached section 511-1a dated r6/18/14.

2. Replace Special Provision section 645-1a – 645-3a dated r05/15/14 with attached section 645-1a – 645-3a dated r6/18/14.

B. PROPOSAL

1. Replace Proposal Schedule pages P-11 through P-16 dated 4/15/14 with the attached pages P-11 through P-16 dated r06/18/14.

C. PLANS

1. Replace Plan Sheet Nos. 7, 8, 9, 12, 29, and 30 with the attached Plan Sheet Nos. ADD. 7, ADD. 8, ADD. 9, ADD. 12, ADD. 29, and ADD. 30.

D. PRE-BID MEETING

1. Attached are the June 12, 2014 Pre-bid Meeting Notes and Attendance Sheet for your information.

E. BORING REPORTS

1. Attached are the Exploratory Boring Report and Foundation Investigation Report

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.

FORD N. FUCHIGAMI
Interim Director of Transportation

SECTION 511 – DRILLED SHAFTS

Make the following amendments to said Section:

(I) Amend **Subsection 511.01 Description** to read as follows:

"511.01 Description. This section describes installing drilled shafts, including reinforced concrete drilled shafts without belled footings; and performing Crosshole Sonic Log Testing in accordance with Section 511 of the Standard Specifications."

(II) Amend **Subsection 511.02E Crosshole Sonic Log (CSL) Test Access Tube, lines 43 through 45** to read as follows:

"Crosshole sonic log testing is required for all drilled shafts. A total of two access pipes shall be installed in each shaft according to the contract plans. Materials, installation and testing shall be in accordance with this section. Contractor shall submit manufacturer's certificate of compliance for access tube acceptance."

(III) Amend **Subsection 511.04 Measurement** to read as follows:

"**(A)** Furnishing drilled shaft drilling equipment will be paid on a lump sum basis. Measurement for payment will not apply.

(B) The Engineer will measure drilled shaft per linear foot. The Engineer will compute length between plan top of shaft elevation and bottom of shaft elevation.

(C) The Engineer will measure unclassified shaft excavation per linear foot, along shaft centerline. The Engineer will compute length between plan top of shaft elevation and bottom of shaft elevation.

(D) The Engineer will measure obstruction per hour in accordance with the contract documents. Once the Engineer authorizes compensation for obstruction removal, duration of obstruction removal, including time required for obstruction disposal, will be measured for payment. Depth of obstruction will be subtracted from total depth measured for payment under other applicable drilled shaft excavation pay items."

END OF SECTION 511

SECTION 645 - WORK ZONE TRAFFIC CONTROL

Make the following amendments to said Section:

(I) Amend **Subsection 645.03 – Construction** by revising lines 64 to 66 to read:

"Furnish two police officers for each location that requires work zone traffic control. If TCP is included in the contract documents, furnish number of police officers indicated in TCP, whichever is greater.

Furnish, install, maintain, and remove two (2) changeable message boards (i.e., electronic message signs) as needed for each location that requires work zone traffic control as shown in TCP, or requested by the Engineer. The cost for this work shall be incidental to contract item No. 645.0100 - Traffic Control and shall not be paid for separately."

(II) Amend **Subsection 645.03(F) - Lane Closures** by revising lines 248 to 251 to read:

"**(F) Lane Closures.** Lane closures will be allowed only during the following hours. Exceptions to lane closure hours specified require written acceptance by the Engineer. No increase in contract price or contract time will be given for lane closure restrictions specified.

(1) Extended weekend lane closure. Weekend lane closures for PCC bus pads (Friday to Monday). One weekend per PCC bus pad for max. four (4) weekends total.

	Both Directions
2-lane closure	
Friday	8:30 P.M. - Midnight
Saturday	12:00 A.M. - Midnight
Sunday	12:00 A.M. - 7:00 A.M.
1-lane closure	
Sunday	7:00 A.M. - Midnight
Monday	12:00 A.M. - 5:00 A.M.

(2) Weekday day-time lane closure.

Liliha Street (King St. to Vineyard Blvd.)

1-lane closure	Southbound	Northbound
Monday to Friday	9:00 A.M. – 3:00 P.M.	8:30 A.M. – 3:00 P.M.

Liliha Street (Vineyard Blvd. to School St.)

1-lane closure	Southbound	Northbound
Monday to Friday	8:30 A.M. – 3:00 P.M.	8:30 A.M. – 3:00 P.M.
2-lane closure	Southbound	Northbound
Monday to Friday	8:30 A.M. – 3:00 P.M.	8:30 A.M. – 2:00 P.M.

(3) Weekend lane closure.

Liliha Street (King St. to Vineyard Blvd.)

2-lane closure	Southbound	Northbound
Sunday	7:00 A.M. - Midnight	7:00 A.M. - Midnight
Monday	12:00 A.M. – 5:00 A.M.	12:00 A.M. – 5:00 A.M.

Contractor shall refer to noise variance permit and its amendments, issued by Department of Health (DOH) for the project, regarding specific time and location restrictions for high-noise activities.

It should be noted that the noise variance restriction hours may differ from the allowable lane closure hours listed above. Contractor shall recognize these differences and plan his operations accordingly.

Contractor shall notify and coordinate with affected property owners prior to any lane closures and/or detours at no increase in contract price or contract time.

If applicable, coordinate lane closures with adjacent project(s) at no increase in contract price or contract time.

Exceptions to lane closure hours specified require written acceptance by the Engineer. No increase in contract price or contract time will be given for lane closure restrictions specified."

END OF SECTION 645

Pre-Bid Meeting Notes

DATE: **June 12, 2014**

SUBJECT: **LILIHA STREET REHABILITATION,**
NORTH KING STREET TO SCHOOL STREET
PROJECT NO.: 7413A-01-04M

Contractors mentioned the following questions and concerns:

1. The work description for Liliha Street Sta. 0+20 to Sta. 5+84 on plan sheet no. 29 does not match the work called out on plan sheet no. 7.
    - Plan sheet No. 7 is correct. Revised work description on plan sheet No. 29 to match plan sheet no. 7.

2. The work description for Liliha Street Sta. 11+90 to Sta. 18+74 (Interior Lanes) on plan sheet no. 29 does not match the work called out on plan sheet no. 9.
    - Plan sheet No. 9 is correct. Revised work description on plan sheet No. 29 to match plan sheet no. 9.

3. The work description for Liliha Street Sta. 11+70 to Sta. 11+90 (All Lanes) on plan sheet no. 29 does not match the work called out on plan sheet no. 9.
    - Plan sheet No. 9 is correct. Revised work description on plan sheet No. 29 to match plan sheet no. 9.

4. The two typical sections on plan sheet no. 9 does not match up. There's a discrepancy of the lane widths between the two.
    - The two typical sections do not match up because the bottom typical had to cover the variable lane width changes from (Sta. 11+90 to Sta. 18+74)

5. The Type 2A Gutter detail on plan sheet no. 12 shows Hot Mix Asphalt Base Course to be notched for the gutter. Any alternative design for easier constructability?
    - Revised the depth of the gutter from 10" to 12".

6. Plan sheet No. 29 shows the bus pad on Liliha Street Sta. 8+54 to Sta. 9+14 hatched as a reconstruction area. Will this be paid as a reconstruction area?
    - Removed reconstruction hatching on proposed bus pad. Area is to be paid as Portland Cement Concrete Pavement.

7. Regarding plan sheet no. 8, the cold-plane limit call-out for the intersection of Liliha St./Vineyard Blvd. refer to plan sheet no. 30 which is not found.

- Revised call-out to refer to plan sheet no. 29.

8. The plans indicate concrete slabs may be encountered during AC work and excavation may be necessary. The work is considered incidental to cold-planing. Recommend adding a force account pay item for excavation of concrete slabs since the exact amount is unknown.
    - Added force account pay item for removal of concrete slabs.

9. The reconstruction of concrete sidewalk detail on Liliha Access Road on Sheet No. 12 indicate 2" Cold-planing and AC work which differs from descriptions on Sheet No. 30.
    - Revised call-out to refer to Sheet No. 30 since there are different sections of AC work.

10. Would it be possible to extend lane closure hours?
    - Extended weekend hours between King St. and Vineyard Blvd.

LILIHA STREET REHABILITATION, NORTH KING STREET TO SCHOOL STREET
PROJECT NO. 7413A-01-04M
Thursday, June 12, 2014

PRE-BID MEETING SIGN IN LOG

NAME	COMPANY	PHONE NUMBER	EMAIL ADDRESS
Clifford Corpuz	SDOT	692-7576	clifford.a.corpuz @ hawaii.gov
Subbu Venkataraman	Triton Marine	488-0854	subbuv @ triton-marine.com
Kevin Yamabayashi	Grace Pacific	842-3233	kyamabayashi@gracepacific.com
PETER CHAN	HDOT HWY-TD	692-7680	PETER.CHAN@HAWAII.GOV
JULIENNE FRONDA	HDOT HWY-TD	692-7681	JULIENNE.R.FRONDA@HAWAII.GOV

PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
202.1000	Removal of Concrete Slabs	F.A.	F.A.	F.A.	$ 150,000.00
203.0100	Roadway Excavation	1,900	C.Y.	$ _____	$_____
209.0100	Installation, Maintenance, Monitoring, and Removal of BMP	L.S.	L.S.	L.S.	$_____
209.0200	Additional Water Pollution, Dust, and Erosion Control	F.A.	F.A.	F.A.	$ 75,000.00
301.0600	Hot Mix Asphalt Base Course	1,412	TON	$ _____	$_____
304.0600	Aggregate Base	L.S.	L.S.	L.S.	$_____
311.1000	Uniaxial Geogrid	608	S.Y.	$ _____	$_____
321.1000	Triaxial Geogrid	12,143	S.Y.	$ _____	$_____
322.1000	Nonwoven Geotextile Fabric	2,802	S.Y.	$ _____	$_____
401.0600	HMA Pavement, Mix No. IV	2,957	TON	$ _____	$_____
401.0700	Leveling Course	152	TON	$ _____	$_____
411.1000	Portland Cement Concrete Pavement	L.S.	L.S.	L.S.	$_____
415.0150	Cold Planing	12,896	S.Y.	$ _____	$_____
416.1000	Paving Grid	10,592	S.Y.	$ _____	$_____
507.1000	Liliha Street Bridge Concrete Rail	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
202.1000	Removal of Concrete Slabs	F.A.	F.A.	F.A.	$ 150,000.00
203.0100	Roadway Excavation	1,900	C.Y.	$ _____	$_____
209.0100	Installation, Maintenance, Monitoring, and Removal of BMP	L.S.	L.S.	L.S.	$_____
209.0200	Additional Water Pollution, Dust, and Erosion Control	F.A.	F.A.	F.A.	$ 75,000.00
301.0600	Hot Mix Asphalt Base Course	1,412	TON	$ _____	$_____
304.0600	Aggregate Base	L.S.	L.S.	L.S.	$_____
311.1000	Uniaxial Geogrid	608	S.Y.	$ _____	$_____
321.1000	Triaxial Geogrid	12,143	S.Y.	$ _____	$_____
322.1000	Nonwoven Geotextile Fabric	2,802	S.Y.	$ _____	$_____
401.0600	HMA Pavement, Mix No. IV	2,957	TON	$ _____	$_____
401.0700	Leveling Course	152	TON	$ _____	$_____
411.1000	Portland Cement Concrete Pavement	L.S.	L.S.	L.S.	$_____
415.0150	Cold Planing	12,896	S.Y.	$ _____	$_____
416.1000	Paving Grid	10,592	S.Y.	$ _____	$_____
507.1000	Liliha Street Bridge Concrete Rail	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
507.2000	Liliha Street Bridge Pedestrian Rail	L.S.	L.S.	L.S.	$_____
507.3000	Liliha Access Bridge Concrete Rail	L.S.	L.S.	L.S.	$_____
507.4000	Liliha Access Bridge Pedestrian Rail	L.S.	L.S.	L.S.	$_____
507.5000	School Street Wall Pedestrian Rail	L.S.	L.S.	L.S.	$_____
511.1000	School St. Furnishing Drilled Shaft Drilling Equipment	L.S.	L.S.	L.S.	$_____
511.2000	School St. Drilled Shaft (24" Diameter)	54	LIN FT	$ _____	$_____
511.3000	School St. Unclassified Shaft Excavation	54	LIN FT	$ _____	$_____
511.4000	School St. Obstruction in Drilled Shaft	8	HR	$ _____	$_____
603.6000	Clean Existing Culverts	F.A.	F.A.	F.A.	$ 50,000.00
604.1000	Type Modified "B" Catch Basin (6.00 ft. to 6.99 ft.)	1	EA	$ _____	$_____
604.2000	Type Modified "2A-9P" Grated Drop Inlet (5.00 ft. to 5.99 ft.)	3	EA	$ _____	$_____
604.3000	Adjusting Hawaiian Telcom Cast Iron Frame and Cover	9	EA	$ _____	$_____
604.4000	Adjusting HECO Cast Iron Frame and Cover	4	EA	$ _____	$_____
606.1000	School Street Concrete Wall	L.S.	L.S.	L.S.	$_____
606.2000	Concrete Wall at Station 1+13	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
606.3000	Concrete Wall at Station 0+56	L.S.	L.S.	L.S.	$_____
606.4000	Concrete Wall at Station 25+48	L.S.	L.S.	L.S.	$_____
606.5000	Guardrail Type 3 Thrie Beam	L.S.	L.S.	L.S.	$_____
606.6000	Guardrail Strong Post W-Beam	L.S.	L.S.	L.S.	$_____
606.7000	Guardrail Strong Post Thrie-Beam	L.S.	L.S.	L.S.	$_____
606.8000	Terminal Section Modified Type "G"	L.S.	L.S.	L.S.	$_____
606.9000	Terminal Section Type "ET-PLUS (TL-2)"	L.S.	L.S.	L.S.	$_____
610.1000	(8-Inch) Reinforced Concrete Driveway	L.S.	L.S.	L.S.	$_____
614.1000	Adjusting Street Survey Monuments	4	EA	$ _____	$_____
623.3900	Approach-Only Microwave Vehicle Detector	7	EA	$ _____	$_____
623.7052	Loop Detector Sensing Unit (6x6) Two Loops	14	EA	$ _____	$_____
623.7053	Loop Detector Sensing Unit (6x6) Three Loops	1	EA	$ _____	$_____
623.7054	Loop Detector Sensing Unit (6x6) Four Loops	1	EA	$ _____	$_____
623.7056	Loop Detector Sensing Unit (6x6) Six Loops	7	EA	$ _____	$_____
626.1000	Adjusting Water Manhole Frame and Cover	19	EA	$ _____	$_____

PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
626.2000	Adjusting Water Valve Box Frame and Cover	15	EA	$ _____	$_____
626.3000	Adjusting Water Meter Frame and Cover	3	EA	$ _____	$_____
626.4000	Adjusting Sewer Manhole Frame and Cover	12	EA	$ _____	$_____
626.5000	Adjusting Storm Drain Manhole Frame and Cover	2	EA	$ _____	$_____
627.1000	Reset Lava Rock Curb and PCC Curb Replacement	L.S.	L.S.	L.S.	$_____
629.1011	Double 4-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	$_____
629.1013	4-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	$_____
629.1015	4-Inch Pavement Striping (Tape, Type III or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	$_____
629.1016	8-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	$_____
629.1022	12-Inch Pavement Striping (Tape, Type III or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	$_____
629.1030	Crosswalk Marking (Tape, Type III or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	$_____
629.1040	Pavement Arrows (Tape, Type III or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	$_____
629.1050	Pavement Word (Tape, Type III or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	$_____
629.1060	Pavement Symbol (Shark's Teeth Marking) (Tape, Type III or Thermoplastic Extrusion)	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE					
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
629.2010	Type "A" Pavement Markers	L.S.	L.S.	L.S.	$_____
629.2020	Type "C" Pavement Markers	L.S.	L.S.	L.S.	$_____
629.2030	Type "D" Pavement Markers	L.S.	L.S.	L.S.	$_____
629.2070	Type "H" Pavement Markers	L.S.	L.S.	L.S.	$_____
631.5000	Regulatory Sign (10 Square Feet or Less)	L.S.	L.S.	L.S.	$_____
631.5001	Regulatory Sign (10 Square Feet or Less) with Post(s)	L.S.	L.S.	L.S.	$_____
631.5003	Regulatory Sign (More than 10 Square Feet) with Post(s)	L.S.	L.S.	L.S.	$_____
631.5100	Warning Sign (10 Square Feet or Less)	L.S.	L.S.	L.S.	$_____
631.5101	Warning Sign (10 Square Feet or Less) with Post(s)	L.S.	L.S.	L.S.	$_____
634.1000	Portland Cement Concrete Sidewalk	L.S.	L.S.	L.S.	$_____
638.2000	Curb and Gutter, Type 2DG	L.S.	L.S.	L.S.	$_____
638.2500	Curb and Gutter, Type 2DG Modified	L.S.	L.S.	L.S.	$_____
638.3000	Curb, Type 3D	L.S.	L.S.	L.S.	$_____
638.4000	Curb, Type 2D	L.S.	L.S.	L.S.	$_____
638.5000	Gutter, Type 2A	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
643.1000	Maintenance of Existing Landscape Areas	F.A.	F.A.	F.A.	$ 20,000.00
645.1000	Traffic Control	L.S.	L.S.	L.S.	$_____
645.2000	Additional Police Officers, Additional Traffic Control Devices, and Advertisement	F.A.	F.A.	F.A.	$ 125,000.00
648.0100	Field-Posted Drawings	L.S.	L.S.	L.S.	$_____
650.1000	Curb Ramp, Type B	2	EA	$ _____	$_____
694.1000	Project Signs	L.S.	L.S.	L.S.	$_____
696.1000	Maintenance of Trailers	F.A.	F.A.	F.A.	$ 30,000.00
699.1000	Mobilization (Not to Exceed 6 Percent of the Sum of All Items Excluding Bid Price of this Item)	L.S.	L.S.	L.S.	$_____

Sum of All Items ..... $ _____

NOTE: Bidders must complete all unit prices and amounts. Failure to do so may be grounds for rejection of bid.