<u>GE</u> N	IERAL NOTES
1.	The scope of work for this project includes reconstructing weakened pavement areas; cold-planing; resurfacing; adjusting utility boxes and manholes; and installing pavement markings.
2.	The Contractor's attention is directed to the following Section Special Provisions: Subsection 107.13 - Public Convenience an Subsection 107.21 - Contractor's Responsibility for Utility Prop Services, and Section 645 - Traffic Control.
3.	The Contractor shall notify the State in writing a least five (prior to the start of work.
4.	At the end of each day's work, the Contractor shall remove a equipment and other obstructions to permit free and safe pas public traffic.
5.	The existence and location of underground utilities, manholes, monuments and structures as shown on the plans are from the latest available data but the accuracy is not guaranteed. The encountering of other obstacles during the course of the wor is possible. The Contractor shall be held liable for any damages incurred to the existing facilities and/or improvements as a result of his operations.
	All damaged portions shall be replaced or repair in accordance with the standards and specifications of the affected utility

company at the Contractor's expense. The Contractor shall make an independent check on the ground

by probing, hand digging, and/or checking with the various utility companies and government agencies to verify the exact locations and depths of the existing utilities and obstructions.

- 6. In accordance with Hawaii State Law Section 269E-7, the Hawaii One Call Center (HOCC) shall provide an inquiry identification number for each location request provided by the Contractor. The inquiry identification number and utility marks shall remain valid for not more than twenty-eight (28) calendar days from the date of issuance, and after that date shall require the Contractor to submit a newer request for HOCC revalidation. The Contractor shall provide all inquiry identification numbers for each location request to the Engineer
- 7. The exact locations and limits or areas to be reconstructed and cold planed shall be determined in the field by the Engineer.
- Smooth riding connections, including U-Turn/Median Crossovers, shall be constructed at all limits of resurfacing including the beginning and end of project, side streets and driveways as shown on the plans and/or as directed by the Engineer.
- Existing drainage system will be functional at all times during 9. construction. Contractor is to furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. This work shall be considered incidental to the various contract items.

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10. Contractor shall provide for access to and from existing side streets and driveways at all times.

11. All saw cutting work shall be considered incidental to Item No. 401.0700 and 401.0701 - Asphalt Concrete Pavement, Mix No. IV and will not be paid for separately.

12. Unprotected pavement dropoffs greater than 2" shall not be allowed during non-working hours, except where approved by the Engineer in writing.

13. Public Notice is required for lane closures. Contractor shall submit notice to the Engineer for approval a minimum of three weeks prior to publication. Pre-approval of notice, with dates left blank, is permissible. Contractor shall provide two message boards as part of required traffic control. Provide a Public Notice before the commencement of work activities. Publication and advertisement shall be considered incidental to the work.

14. The Contractor shall submit requests for detours and routine lane closures in accordance with Hawaii Standard Specification Subsection 645.03(F); refer to minimum time frames required for implementation. Once HDOT has approved the request, the Contractor is required to provide a written Weekly Lane Closure Request to the HDOT Construction Field Office at least 1-week ahead of all upcoming work.

15. The Contractor shall notify the adjacent US military installations Schofield Barracks and Wheeler Army Airfield before the commencement of work activities. The Contractor shall schedule work such that it will not interfere with military activities at no additional cost to the State.

16. Cold-planing of 50-ft. transitions at project limits shall be considered incidental to Item No. 401.0700 and 401.0701

17. Contractor shall maintain at least one paved shoulder free and clear of debris for pedestrian and bicycle traffic at the end of each work day.

18. The Contractor's attention is called to Section 407 -Tack Coat of the Special Provisions.

19. The Contractor shall pave the entire traveled way, including auxiliary lanes, channelized islands, and side roads with 2 inches of PMA Pavement. All thru lanes shall be 12 feet wide.

21. Paving shall not commence on the same day as the cold-planing.

	FED. ROAD	STATE	FED. AID	FISCAL	SHEET	TOTAL
	DIST. NO.	SIAIL	PROJ. NO.	YEAR	NO.	SHEETS
	HAWAII	HAW	NH-099-1(031)	2020	3	125
		11/3/00		2020	5	120

- 22. The Contractor will be allowed to pave one lane of the roadway on a single day with the adjacent shoulder being paved the next day. The adjacent lane shall be paved no later than the seventh day.
- 23. The Contractor shall install milled rumble strips along the center line of the roadway as indicated on plan, except at right turn acceleration and deceleration lanes.
- 24. Pavement striping shall be done with alkyd-based thermoplastic. Except the bicycle symbols and adjacent 4" white lines shall be paint.
- 25. Two lanes of traffic shall be provided at all times. Lane closures or detours that slow down traffic shall not occur during peak hours (6:30 am to 8:30 am and 3:00 pm to 6:00 pm).
- 26. In Wahiawa Town the lane closures shall not occur from 2:00 pm instead of 3:00 pm due to school traffic.
- 27. Per Hawaii Standard Specification Subsection 645.03, which states that the Contractor shall furnish two (2) police officers for each location that requires work zone traffic control.
- 28. Per Hawaii Standard Specification Subsection 107.02, the Contractor shall obtain all permits and licenses required to perform the work and that the Contractor assumes exclusive responsibility for identifying, acquiring and paying for all permits and licenses required to perform the work.
- 29. Regulatory and warning signs within the construction zone that conflict with the traffic control plans shall be removed or covered promptly. Costs associated with this work are to be considered incidental.
- 30. Sequence to complete work in Wahiawa Town first at no additional cost to the State.
- 31. At the end of each day's work, the Contractor shall submit a signed Daily Inspection Report to the Engineer. The Daily Inspection Report shall accurately describe the work completed, materials used, and the quantities of the materials used during that shift. Requests for changes to the frequency of the Daily Inspection Report submittals are by a written request to and approval from the Engineer.

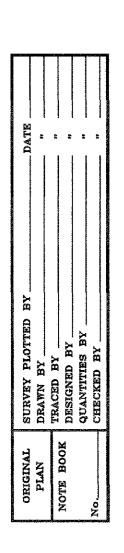
N MCDON C LICENSED PROFESSIONAL	STATE OF HAWAII DEPARTMENT OF TRANSPORTA HIGHWAYS DIVISION	TION
★ ENGINEER No. 9793-C	GENERAL NOTES	=
This work was prepared by me or under my supervision	<u>Kamehameha Hwy, Kamananui Rd and W</u> Rehabilitation Weed Circle to Interstate	
Char H Hildon 4/30/2022	<u>Project No. NH-099-1(031)</u>	
MITSUNAGA & ASSOCIATES, INC. EXP. DATE	Scale: As Noted Date: Augu	st 2020
NOTE: Contractor to check and verify dimensions at job before proceeding with work.	SHEET NO. CO1 OF 125 SH	HEETS
		3

GENERAL NOTES CONTINUED

- 32. All materials shall be new and free of defects, such as rust, damage, or corrosion. The Engineer will determine acceptability. Requests for payment for materials that are not accepted by the Engineer will not be accepted. Removed signs or guardrails shall not be reused.
- 33. The Contractor shall be responsible for coordinating with the HDOT Surveyor and referencing monuments before disturbance of survey monuments. All survey monuments disturbed or destroyed by the Contractor shall be reconstructed and/or reinstalled at no cost to the State. Only licensed State of Hawaii Land Surveyors shall reinstall monuments.
- 34. Cold planing of adjacent travel ways shall be completed on the same day. Temporary pavement markings shall be installed prior to the end of each work day.
- 35. If night work is approved, the contractor shall stop all work and contact the Fish and Wildlife Service (541-3441) if bats or birds are seen flying around the work area at night.
- 36. Contractors may enter into subcontracts, only with subcontractors listed in the proposal or with non-listed joint contractors/subcontractors permitted under Subsection 102.06 -Preparation of Proposal. This also applies to second tier subcontracts.

In the event that the work is performed by companies, entities, and/or subcontractors not listed in the proposal or with non-listed joint contractors/subcontractors, the contract may be terminated in accordance with Subsection 108.11 - Termination of Contract for Cause at the sole discretion of the Engineer. Furthermore, the State may debar or suspend the Contractor from bidding on future projects.

- 37. Vendors are not subcontractors. No labor or work shall be performed by a vendor to execute the work under the terms of the contract with the State
- 38. The Contractor shall notify in writing, the Oahu Transit Services, Inc. (Tel. No. 848-4571) two (2) weeks prior to construction, informing them of location, scope of work, closure of the name of the highway and/or traffic lanes, and dates of closure
- 39. No material and/or equipment shall be stockpiled or otherwise stored within the highway right-of-way except at locations designated in writing and approved by the Engineer. If use of locations is approved by the Engineer, the Contractor shall obtain a permit to use the property within the highway right-of-way from the Oahu District Office at telephone no. 831-6712.
- 40. All work specified in the contract but not listed separately in the proposal schedule shall be considered incidental to the various contract items.



WATER NOTES

Unless otherwise specified, all materials and construction of water system facilities and appurtenances shall be in accordance with the STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, dated 1994, as amended, of the Hawaii Highways Division, Department of Transportation, and the City and County of Honolulu Board of Water Supply's "WATER SYSTEM STANDARDS", DATED 2002, THE "WATER SYSTEM EXTERNAL CORROSION CONTROL STANDARDS", VOLUME 3, DATED 1991, and all subsequent amendments and additions.

- 2. All plans approved by the Board of Water Supply are based solely on the adequacy of the water supply.
- 3. The Contractor shall notify BWS Capital Projects Division, Construction Section in writing one week prior to commencing work on the water system.
- 4. The existence and location of underground utilities and structures as shown on the plans are from the latest available data, but are not guaranteed as to their accuracy or the encountering of other obstacles during the course of the work. The Contractor shall be responsible and pay for all damages to existing utilities. The Contractor shall not assume that where no utilities are shown, that none exist.
- 5. The contractor shall be responsible for the protection of all waterlines during construction. The contractor shall be especially careful when excavating behind waterlines, tees, and bends wherever there is a possibility of waterline movement due to the removal of the supporting earth beyond the existing reaction blocks. The Contractor shall take whatever measures necessary to protect the waterlines, such as constructing special reaction blocks (with BWS approval) and/or modifying his construction method.
- Re-approval shall be required if this project is not under construction within a period of two (2) years.

Prior to any excavating, the Contractor shall verify in the field, the location of existing waterlines and appurtenances.

Any adjustments to the existing water system required during construction, to meet the requirements of the BWS Standards, whether shown on the plans or not, shall be done by the Contractor at no cost to the Board.

1 Approved:

AUG 2 7 2020

FOR Manager and Chief Engineer, BWS *M (For work affecting BWS facilities in City/State R/W and BWS Easements only)

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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW	NH-099-1(031)	2020	ADD.4	125
		FED. ROAD DIST. NO. STATE HAWAII HAW			

WATER NOTES CONTINUED

- 8. The Contractor shall adjust all manhole frames/valve boxes/meter boxes within the resurfaced areas. The Contractor shall be responsible for "referencing" these manholes/valve boxes/meter boxes to facilitate the adjustments.
- 9. Two-way blue reflective hydrant markers Type DB shall be installed at all fire hydrant locations.
- 10. The Contractor and ("utility owner") shall notify BWS Capital Projects Division, Construction Section (748-5730) sixty (60) days prior to construction at or near areas in conflict with the BWS project (Job No. 18-064 Wahiawa Water System Improvements - Part 1A) to avoid delays and conflict during construction. The Contractor shall allow BWS's contractor to install new water mains prior to any resurfacing work at areas in conflict. BWS shall not be liable for any delays due to contractor's failure to coordinate the construction schedule for this project.

LEGEND

<u> </u>	Right-of-Way
°pp	Power Pole
owmh	Water Manhole
o _{WV}	Water Valve Box
⊟ gdi	Grated Drop Inlet
þ	Traffic Sign With 1 Post
β	Traffic Sign With 2 Posts
□ _{pb}	Elec. Pullbox
	Single Metal Guardrail

	8/25/20	$\triangle BWS$	added.		
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