

GENERAL NOTES:

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-HI-1(270)	2018	3	241

1. The project includes shoulder grading, shoulder cold planing, shoulder resurfacing, installation of milled rumble strips, guardrail repair, guardrail end treatment upgrades, high friction surface treatment installation, signing and pavement markings along Interstate Rount H-1 from Palallai Interchange to Waiawa Overpass..

2. The Contractor is reminded of the requirements of Subsection 105.16 - Subcontracts, which requires him to perform work amounting to no less than 30 percent of the total contract cost less deductible items. Non-compliance with this Subsection may be grounds for rejection of bid.

3. The Contractor's attention is direted to the following Sections of the Standard Specifications and the Special Provisions: Subsection 104.09 - Maintenance of Traffic; Subsection 105.09 - Coordination Between the Contractors; Subsection 107.06 - Contractor Duty Regarding Public Convenience; Subsection 107.12 - Protection of Persons and Property; and Section 645 - Work Zone Traffic Control.

4. The Contractor's attention is directed to Subsection 107.06 - "Contractor Duty Regarding Public Convenience" and Subsection 645.03 - "Construction" of the Standard Specifications pertaining to lane closure hours, submitting a traffic control plan and other requirements necessary for providing safe movement of public traffic through the project areas.

5. The Contractor shall notify the State in writing, two (2) weeks prior to starting any guardrail work.

6. All guardrail layouts shall be done by the Contractor but shall be approved by the Engineer before construction.

7. The Traffic Control Plans included within the contract documents are for major work items only (shoulder resurfacing and guard rail end post upgrades). The contractor shall provide adequate traffic control per Section 645 of the Standard Specifications for all other work items (temporary restriping, milled rumble strip installation, sign installation and pavement marking installation).

8. At the end of each day's work, the Contractor shall remove all equipment and other obstructions to permit free and safe passage of public traffic. This shall include the restoration of full functionality of the A.M. Zipper Lane.

9. 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 work is possible. The Contractor shall exercise caution while performing any work and shall be held liable for any damages incurred to the existing facilities and/or improvements as a result of his operations.

10. Furnishing and installing of construction signs and temporary restriping to provide adequate space for traffic control measures shall be considered incidental to the various contract items.

11. Removal and disposal of the existing guardrail, bridge railing, concrete, reinforcement bars, and bridge endpost shall be considered incidental to the various guardrail items.

12. No section of incomplete guardrail shall be left unshielded at the end of each work day.

13. Where full embedment of guardrail post cannot be achieved, the Contractor shall nest the beam(s) in accordance with the latest State DOT, Traffic Design alternate design guidelines. This work shall be considered incidental to various guardrail items.

14. The Contractor shall provide, install and remove shoring for all existing utilities, highway lighting and drainage systems affected during construction of each Endpost footing. The Contractor shall ensure that shoring will satisfy all OSHA requirements. This work shall be considered incidental to various Endpost Contract items.

15. Dressing of shoulders shall consist of clearing, grubbing, backfilling, grading, reshaping and compacting the unpaved shoulders with suitable material to provide vegetation growth and some form of erosion resistance or as directed by the Engineer. This work shall be considered incidental to various contract items.

17. Existing drainage system shall be functional at all times during construction. Contractor shall furnish materials, equipment, labor, tools and incidentals necessary to maintain flow. This work shall be considered incidental to the various contract items.

18. Existing signs not shown on these plans shall remain as posted unless otherwise directed by the Engineer. Removal and disposal of existing signs and/or posts as designated on these plans shall be considered incidental to the various signing items.

19. Unprotected pavement drop offs greater than 2" shall not be allowed during non-working hours.

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

21. A "Notice to Motorists" is required for lane closures and will be placed as an advertisement in the newspaper as specified in Special Provisions Subsection 645.03(H). 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. The "Notice to Motorists" shall be in accordance to Standard Specifications Subsection 645.03(G), which are the Contractors requirements for the submittal of advisory sign shop drawings to the Engineer.

22. Contractor shall be responsible to contain construction debris and dust during work especially along sides of bridge abutments, concrete barriers, etc. to prevent release of materials from the work area. This work is considered incidental to the various contract items.

23. Monuments that are disturbed shall be restored under the licensed land surveyor's direction. Any new data such as elevations shall be certified by the surveyor, and submitted to the Engineer.

24. The contractor shall be responsible for replacing/reconstructing all concrete curbs and gutters, concrete swales and driveways damaged during construction.

25. All work called for in the contract documents and not itemized in the proposal and all work not called for but required for the construction of this project shall be considered incidental.

26. The Contractor shall notify the One Call Center at (866) 423-7287 at least five (5) days prior to the start of excavation or trenching.

27. The Contractor shall verify and check all dimensions and details shown on the drawings, including the existence of adequate work area to complete the work shown prior to the start of construction. Any discrepancy shall be immediately brought to the attention of the Engineer for direction.

28. No Contractor shall perform any construction activity so as to cause falling rock, soil or debris in any form to fall, slide or flow onto adjoining properties, streets or natural water courses, should such violations occur, the costs incurred for any remedial action shall be payable by the Contractor.

29. All saw cutting work shall be considered incidental to various contract items.

30. The Contractor shall be responsible for conformance with the applicable provisions of Chapter 54, Water Quality Standards, and Chapter 55, Water Pollution Control, of Title 11, Administrative rules of the State Department of Health.

31. The underground pipes, cables or ductlines known to exist by the Engineer from his search of records are indicated on the plans. The Contractor shall verify the locations and depths of the facilities and exercise proper care in excavating in the area. All damaged portions shall be replaced in accordance with the standards and specifications of the affected utility company and shall be the Contractor's responsibility. Personal injury resulting from contact with existing utilities shall be the Contractor's responsibility. Wherever connections of new utilities to existing utilities are shown on the plans, the Contractor shall expose the existing lines at the proposed connections to verify their locations and depths prior to excavation for new lines.

32. The Contractor shall notify all agencies to verify the actual locations of all utilities in the project area. Prior to excavating, the Contractor shall coordinate all work.

33. The Contractor shall restore to their original condition or better, all improvements damaged as a result of the construction, including pavements, embankments, curbs, signs, landscaping, structures, utilities, walls, fences, etc. unless provided for specifically in the proposal.

34. A Community Noise Variance is pending. If Noise Variance is granted and the Contractor decides to conduct night work, all workzone lights must be shielded and directed toward the ground.

35. Contractor shall not trim or clear trees shrubs taller than 15 feet between June 1 and September 15.

36. If cultural materials are discovered during construction, all earth-moving activity within and around the immediate discovery area shall be diverted by the Contractor until a qualified archaeologist can assess the nature and significance of the field. The Contractor shall notify the Engineer immediately of the find and co-ordinate with the Engineer on the assessment.

37. If human remains are discovered, Contractor shall cease all further disturbances and activites in any area or nearby area suspected to overlie remains and shall contact SHPD and Police Department immediately. The Contractor shall notify the Engineer of the finding and ensure that the remains are protected from further exposure and damage.

38. Contractor shall co-ordinate lane closure with HWY-0 for Interstate Route HI Shoulder Work and Portland Cement Pavement Rehabilitation (NH-HI-1(270))

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	TRACED BY	
	QUANTITIES BY	
	CHECKED BY	

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GERALD D. ANDROPE

LICENSED PROFESSIONAL ENGINEER

No. 10377-C

HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Signature

04/30/20

EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

GENERAL NOTES

INTERSTATE ROUTE H-1 SAFETY IMPROVEMENTS

PALAILAI INTERCHANGE TO WAIAWA OVERPASS

FAP NO. HSIP-HI-1(270)

Scale: None

Date: July 26, 2018

SHEET No. 6-2 OF 6 SHEETS

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