

GENERAL NOTES

DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
OAHU	HAW.	NH-0300(175)R	2021	3	73

1. This project includes the installation of fiber optic cabinets and associated power and fiber optic cables infrastructure on the H-2 Freeway and modifications to existing splice cabinets in various locations. This project also includes the installation of safety rail systems and self-closing gates at existing variable message signs (VMS) at various locations.

2. The Contractor's attention is directed to the following Sections of the Special Provisions : Subsection 107.06 - Contractor Duty Regarding Public Convenience; Subsection 107.11 - Safety: Accident Prevention; Subsection 107.12 - Protection of Persons and Property; Subsection 104.11 - Utilities and Services; and Section 645 -Traffic Control.

3. The Contractor shall comply with utility coordination requirements per Standard Specification Section 104.11. As part of coordination requirements, the Contractor shall include carbon copy the Engineer in all correspondences with utilities.

4. 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 work is possible. The contractor shall make an independent check on the ground by probing and/or checking with the various utility companies of government agencies to verify the exact locations and depths of the existing utilities and obstructions. The contractor shall exercise proper care in excavating the area. Whenever connections of the new utilities are shown in the plans, the contractor shall expose the existing lines at the proposed connections to verify their locations and depths prior to excavating. 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 repaired and shall include all upgrades and betterments to the standards of the utility or agency.

5. The Contractor shall verify the presence of existing utilities which may conflict with activities and shall coordinate with the utility company for temporary relocation, as necessary. All costs associated with the temporary relocation shall be borne by the Contractor and shall be incidental to the various pay items.

6. The Contractor shall indemnify and be solely responsible for the protection of adjacent properties, utilities, and existing structures from damages due to construction. Repairing any damages shall be at the Contractor's own expense, to the satisfaction of the Engineer.

7. The Contractor shall independently tone areas of excavation not more than 30 days prior to excavation. Provide written notice of scheduled toning and specific locations to the Engineer at least one week ahead of toning. The Contractor shall obtain DOT as-builts at the DOT Kapolei Kakuihewa Building to locate potential conflicts with utilities prior to excavation. If there is a potential conflict, contractor shall inform DOT within 24 hours of discovery. Contractor shall probe around area and take precautions to not damage utilities. This work shall be incidental to various contract items and shall not be paid for separately.

8. The exact locations and limits of areas to be excavated or cleared shall be located in the field by the Contractor and accepted by the Engineer. The Contractor shall not begin any work until the Engineer verifies and accepts the location and limits of the area. Any area that is not accepted by the Engineer will be considered unauthorized work and shall not be paid for.

9. Minimum vertical and horizontal clearance between existing drainage facilities and other utilities shall be one foot and two feet, respectively.

10. The exact locations and limits or areas to be filled with leveling course, reconstructed and cold planed shall be determined in the field by the Engineer.

11. The Contractor shall notify in writing, the Oahu Transit Services, Inc. Roads Supervision Office, 811 Middle St., Hon., HI 96819 (ph. #848-4571) seven (7) days prior to any paving operations.

12. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting paving operations.

13. The Contractor shall remove and dispose of all existing raised pavement markers and traffic tapes prior to the overlaying of Asphalt Concrete. This work shall be considered incidental to the various contract items.

14. All holes, depressions and wheel ruts shall be filled and compacted with Asphalt Concrete Pavement, Mix No. V prior to resurfacing. This shall be considered incidental to the various contract items.

15. Smooth riding connections shall be constructed at all limits of resurfacing, including the beginning and end of project, connecting approaches, side streets and driveways as shown on the plans and/or as directed by the Engineer.

16. Dressing of shoulder, sidewalk and bus turnout shall consist of clearing, grubbing, grading, reshaping and compacting the unpaved shoulders with suitable material as shown on the plans and/or as directed by the Engineer. This work shall be considered incidental to the various contract items.

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

18. Earth swale shall be graded to drain. This work shall be considered incidental to the various contract items.

19. The contractor shall provide for access to and from all existing side streets at all times.

20. The Contractor shall provide for quality control of work. The contractor shall submit copies of all measurements and test results to the Engineer once obtained.

21. All materials shall be new and free of defects, such as rust, damage, or corrosion. The Engineer will determine acceptability. No payment will be made for material that is not accepted by the Engineer.

22. Contractor shall obtain a construction permit from the State's Highway District Engineer at 727 Koko Street, Honolulu, phone no. 831-6712, prior to commencement of work within State right-of-way.

23. Approval of State permit construction plans shall be valid for a period of one year thereof from the date of notification of approval to the applicant. In the event construction does not commence within this one-year period, the applicant will be required to submit his construction plans for division's review and approval.

24. The Permit to Perform Work Upon State Highway may be suspended or revoked due to non-compliance with of any of the following, but not limited to, conditions:  
  
Work or lane closures performed before or after permitted hours.  
Failure to maintain roadway surfaces in a smooth and safe condition.  
a. Failure to clean up construction debris generated from project work.  
b. Failure to provide proper traffic control.  
c. Failure to replace damaged pavement markings and signs.  
d. Failure to maintain highway lights and/or traffic signal systems.  
e. Failure to maintain or install traffic control devices.  
f. Failure to address public complaints to the satisfaction of the engineer.  
g. Unauthorized lane closures.

25. Contractor shall inform the State Permit Office at least 2 days prior to closing any lanes. See phone numbers under note No. 15.

26. The Contractor shall notify the Highway Lighting and Traffic Signal Supervisor, Department of Transportation (State) three (3) working days prior to commencing work in this area. See phone number under note No. 17.

27. The contractor shall allow access to all materials that will be used in the project for inspection and/or testing (this includes but is not limited to access to contractor or subcontractor's base yards, manufacturer yard, production plant, separate storage areas). The Engineer reserves the right to reject any material for which access or inspection is not allowed.

28. All public notices and advertisements shall be incidental to lump sum traffic control item 645.0100 –Traffic Control, and shall be incidental to the various lump sum traffic control pay items.

29. The Contractor shall provide, install and maintain all necessary signs, lights, flares, barricades, markers, cones and other protective facilities and shall take all necessary precautions for the protection and for the convenience and safety of public traffic. All such protective facilities and precautions to be taken shall conform with the "Administrative Rules of Hawaii governing the use of traffic control devices at work sites on or adjacent to public streets and highways" adopted by the director of transportation, and the current U.S. Federal Highway Administration "Manual On Uniform Traffic Control Devices for Streets and Highways, 2009 Edition, Part 6 Temporary Traffic Control". If lane closures are required during construction, a traffic control plan shall be incorporated into the construction plans and must be approved by the division prior to the issuance of the permit.

30. 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.

31. All work specified in the contract documents but not itemized in the proposal including all that is needed to complete the work shall be considered incidental to the various contract items and shall not be paid for separately.

32. Contractor to coordinate lane closures and work with adjacent projects.

33. Any planned disruption to the City/HDOT's fiber communications will need to be communicated to HDOT, DTS and DIT five (5) working days in advance and downtime shall be limited to off peak (8:30 am - 3:30 pm) hours Monday to Friday excluding City/State holidays. Point of contact shall be: HDOT - Miles Ueno (Miles.Ueno@hawaii.gov) and Kristine Pascua (Kristine.A.Pascua@hawaii.gov); DTS - Ty Fukumitsu (tfukumitsu@honolulu.gov); and DIT - Tony Velasco (tvelasco@honolulu.gov)

34. The CCTV system is an integral part of monitoring traffic on the State and City streets; thus must remain active during the AM and PM peak hours of traffic. Should there be damages caused to the CCTV system, the Contractor shall make every effort to have the system up and operational during the peak hour of traffic.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	
	TRACED BY	
	DESIGNED BY	
NOTE BOOK	QUANTITIES BY	
	CHECKED BY	
No.		

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STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**GENERAL CONSTRUCTION**  
**NOTES**

*FREEWAY MANAGEMENT SYSTEM*  
*Phase 3A*  
*Federal Aid Project No. NH-0300(175)R*

Scale: As Shown      Date: October 15, 2021

SHEET No. G-2 OF 10 SHEETS

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