

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0340(005)	2020	3	44

GENERAL NOTES

1. The project includes cold planing existing pavement, reconstruction of weakened pavement areas, overlay of 2" Polymer Modified Asphalt Mix IV (PMA), installing pavement markings and signage, replacing existing guardrails and end treatments to meet current standards, installations of 1½ inch Hot Mix Asphalt Pavement Mix No. V front, under and behind guardrails, installation enhanced vehicle classification system, applying longitudinal joint stabilizer, adjusting water valves, manholes frames and cover, monuments, and clean storm drain.
2. The Contractor's attention is directed to the following Sections of the Special Provisions : Subsection 107.13 - Public Convenience and Safety; Subsection 107.21 - Contractor's Responsibility For Utility Property And Services; and Section 645 -Traffic Control.
3. 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.
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 be held liable for any damages incurred to the existing facilities and/or improvements as a result of his operations.
5. The exact locations and limits or areas to be reconstructed and cold planed shall be determined in the field by the Engineer. Cold planing along gutters and around islands, shall not be paid for separately but shall be considered incidental to Asphalt Concrete Pavement Mix No. IV.
6. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting paving operations.
7. The Contractor shall remove and dispose of all existing raised pavement markers and striping prior to the overlaying of Asphalt Concrete. This work shall be considered incidental to Asphalt Concrete Pavement, Mix No. IV and will not be paid for separately.
8. Smooth riding connections shall be constructed at all limits of resurfacing, including the beginning and end of project, connecting approaches, side streets, structures and driveways as shown on the plans and/or as directed by the Engineer.
9. 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.
10. 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.
11. Earth swale shall be graded to drain. This work shall be considered incidental to the various contract items.
12. The contractor shall provide for access to and from all existing side streets at all times.
13. All saw cutting work shall not be paid for separately but shall be considered incidental to various contract items.

14. *The lateral limit of resurfacing at guardrail locations shall be at least to the face of the rail element.*
15. *New A.C. pavement at guardrails shall extend 6 feet longitudinally beyond the terminal ends.*
16. *The Contractor shall reference all existing pavement markings prior to resurfacing. Final placement of the new pavement marking shall be as approved by the Engineer. Payment for this work shall be considered incidental to new pavement marking and striping.*
17. *All manhole frames and covers affected by the resurfacing shall be adjusted to the new grades as directed by the Engineer.*
18. *Contact Waste Water Reclamation Division (WWRD) Inspector at Tel. No. 808-270-7417 a minimum of five (5) working days prior start of construction on Adjusting Sewer Manhole Frame and Cover.*
19. *Work on the project maybe required to be performed at night without any increased in cost to the State. Night work shall not be performed during seabird fledging season Sept. 15 and Dec. 15.*
20. *Contractor shall install object markers on all trees and utility poles that are within the State Highway Right of Way. REF. TE-15 of Standard Plans.*
21. *All destination signs and street name shall be upper case and lower case.*
22. *All existing drain inlet and outlet and fire hydrant install RM3 yellow with steel post.*




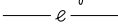



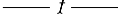


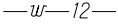









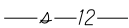



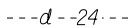








Section 7 of the Endangered Species Act:

1. *To avoid impacts to listed seabirds, no night work will be allowed.*
2. *To avoid impacts to the Hawaiian hoary bat, trees and shrubs taller than 15 feet will not be trimmed or cleared between June 1 and September 15.*
3. *No utilities will be moved or realigned.*
4. *No highway lighting will be installed or replaced.*
5. *All work will occur on existing roadways or within the paved portions of the right-of-way.*

Section 106 of the National Historic Preservation Act:

1. *If cultural materials are discovered during construction, all earth-moving activity within and around the immediate discovery area will be diverted until a qualified archaeologist can assess the nature and significance of the find.*
2. *If human remains are discovered, Hawaii Administrative Rule Title 13, Chapter 300 states that further disturbances and activities shall cease in any area or nearby area suspected of overlie remains, and SHPD and the Maui Police Department will be contacted. The human remains will be treated in conformance with HAR 13-300 Subchapter 4, "Procedures for Proper Treatment of Burial Sites and Human Skeletal Remains."*

LEGEND

- | | |
|---|-------------------------------|
|  | Reconstruction Areas |
|  | Resurfacing Limits |
|  <i>epb</i> | Existing Electrical Pull Box |
|  | Existing Electrical Line |
|  <i>jp</i> | Existing Joint Pole |
|  <i>pp</i> | Existing Power Pole |
|  <i>emh</i> | Existing Electric Manhole |
|  | Existing Telephone Line |
|  <i>tp</i> | Existing Telephone Pole |
|  <i>tmh</i> | Existing Telephone Manhole |
|  | Existing 12" Water Line |
|  <i>UMH</i> | Adjusted Utility Manhole |
|  <i>wmh</i> | Existing Water Manhole |
|  <i>WMH</i> | Adjusted Water MH Frame/Cover |
|  <i>av</i> | Existing Water Air Valve |
|  <i>wv</i> | Existing Water Valve Box |
|  <i>WV</i> | Adjusted Water Valve Box |
|  <i>wm</i> | Existing Water Meter |
|  <i>fh</i> | Existing Fire Hydrant |
|  <i>sp</i> | Existing Standpipe |
|  | Existing Sewer Line |
|  <i>smh</i> | Existing Sewer Manhole |
|  <i>mon.</i> | Existing Monument |
|  <i>MON.</i> | Adjusted Monument |
|  | Existing 24" Drain Line |
|  <i>sdmh</i> | Existing Storm Drain Manhole |
|  <i>gdi</i> | Existing Grated Drop Inlet |
|  <i>cb</i> | Existing Catch Basin |
|  <i>p</i> | Existing Traffic Sign |
|  | Existing Street Light |
|  | Existing Metal Guardrail |
|  | New Metal Guardrail |
|  | Rumble Strip |

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES & LEGEND

KAHEKILI HIGHWAY RESURFACING
Waiehu Beach Road to Camp Maluhia
Federal-Aid Project No. STP-0340(005)

Date: May, 2020