


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-031-1(8)	1994	ADD.3	48


GENERAL NOTES

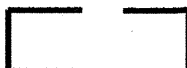
- The project begins on Piilani Highway in the vicinity of Kealia Pond and proceeds in the southerly direction ending at Kilohana Drive. Improvements consists of widening, reconstructing, cold planing and resurfacing existing pavement; adjusting monuments, pull boxes and manhole frames and covers; installing guardrail and thrie beams; installing signs and pavement markings.
- The Contractor's attention is directed to Subsection 107.13-Public Convenience and Safety, Section 645-Traffic Control and Subsection 107.21-Contractor's Responsibility for Utility Property and Service of the Special Provisions and Subsection 606.03-Beam Type Guardrail.
- 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.
- 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.
- 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.
- Prior to resurfacing, the existing surface shall be cleaned as described in Section 310 of the Standard Specifications and as amended. Payment shall be considered incidental to AC Pavement Mix No. IV.
- The Contractor shall notify the State in writing, two (2) weeks prior to starting paving operations.
- The Contractor shall remove and dispose of all existing raised pavement markers 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.
- All holes, cracks, wheel ruts and small depressions shall be filled and compacted with AC Pavement, Mix No. V. Payment for these work shall be made under Asphalt Concrete Pavement, Mix No. V.
- Cold planed connections shall be constructed at all limits of resurfacing, including the beginning and end of project, connecting approaches and side streets as shown on the plans and/or as directed by the Engineer. Exact locations shall be determined in the field by the Engineer. Payment for this work shall be considered incidental to Asphalt Concrete Pavement, Mix IV.
- The Contractor shall provide for access to and from all existing sideroads and driveways.

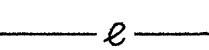
- All saw cutting work shall be considered incidental to various items of work.
- All construction signs shall be left in place until all construction items have been completed. The Contractor shall obtain prior approval from the Engineer to remove construction signs.
- The Contractor shall not leave drop-offs at the edge of pavement at the end of each work day. This includes drop-offs at the centerline and at the other edges of travel lanes.
- Existing guardrail appurtenances and existing signs and posts that will be removed and replaced shall be delivered to the Maui District Baseyard. Payment for removal, storage and delivery shall be considered incidental to various guardrail and regulatory and warning sign pay items.
- The locations for guardrails shown on the plans are approximate. The exact locations shall be determined in the field by the Engineer.
- Street survey monuments, traffic signal sensor loops, etc. shall not be disturbed during cold planing and/or pavement reconstruction. Adjustments of these monuments shall be in accordance with applicable details as shown on the Standard Plans.
- Removal of existing guardrail appurtenances at end post connections (approx. 3ft+), will not be paid for separately but shall be considered incidental to various guardrail items.
- Furnishing and installing terminal connectors at concrete end posts will not be paid for separately but shall be considered incidental to Guardrail-Type 3TG.
- Sign posts shall be square tube posts.
- Existing striping and markings must be referenced by the Contractor for future use. Installation of pavement markings shall not commence until the layout is approved by the Engineer.
- Cold planing of existing pavement fronting the curbed islands and medians shall result in positive drainage flow. This work will not be paid for separately but will be incidental to Asphalt Concrete Pavement, Mix IV.
- Areas containing loop detector cables shall not be cold planed. When it is necessary to cold plane within these areas, the Contractor shall not disturb 18 inches from the lateral limits of the cables. Refer to other General Notes for more information.
- Grading of shoulder includes backfilling, compacting and grading to required elevation as directed by the Engineer. Shoulder dressing and restoration will not be paid for separately but will be considered incidental to various items.

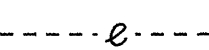
LEGEND


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Reconstruction Areas
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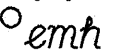
Cold Planing Areas
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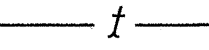
Resurfacing Limits
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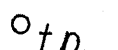
Existing Electrical Line
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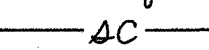
Underground Electrical Line
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Existing Joint Pole
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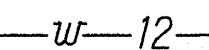
Existing Power Pole
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Existing Electric Manhole
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Existing Telephone Line
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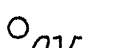
Existing Telephone Pole
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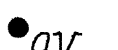
Existing Signal Corps Line
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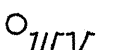
New Signal Corps Line
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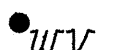
Existing 12" Water Line
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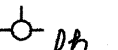
Existing Water Manhole
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Adjusted Water MH Frame/Cover
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Existing Water Air Valve
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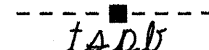
Adjusted Water Air Valve
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Existing Water Valve Box
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Adjusted Water Valve Box
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Existing Fire Hydrant
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Pavement Thickness Transition (4" to 2")
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Corrugated Steel Pipe
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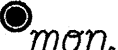
Traffic Signal Pull Box (Existing)
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Traffic Signal Sensor Loop (Existing)
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Existing Sewer Line
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Existing Sewer Manhole
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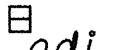
Adjusted Sewer MH Frame/Cover
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Existing Monument
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






Adjusted Monument
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Existing 24" Drain Line
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Existing Storm Drain Manhole
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Adjusted Storm Drain MH Frame/Cover
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Existing Grated Drop Inlet

-  Existing Traffic Sign With 1 Post
-  Existing Traffic Sign With 2 Posts
-  Existing Traffic Sign With 3 Posts
-  Existing Highway Lighting Standard
-  Existing Single Metal Guardrail
-  New Single Metal Guardrail
-  Existing Fence
-  R/W Line

SURVEY PLOTTED BY	DATE
DRAWN BY	6/24/94
TRACED BY	
CHECKED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
2011/10/10	
2011/10/10	

6/10/94	Added Note 24 and R/W Line
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
GENERAL NOTES AND LEGEND	
PIILANI HIGHWAY RESURFACING	
Vicinity of Kealia Pond to Kilohana Drive	
Federal-Aid Project No. STP-031-1(8)	
Date: March, 1994	
SHEET No. 1 OF 1 SHEETS	