


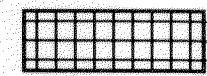


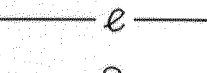
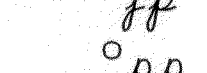

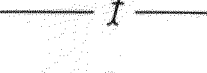
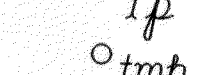
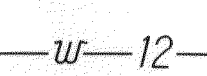
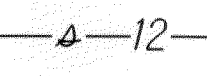


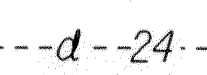






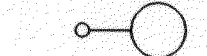




GENERAL NOTES

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-036-1(16)	2006	3	36

1. This project begins on Hana Highway (Route 36) at Dairy Road and ends in the vicinity of Haleakala Highway. The scope of work for this project includes reconstructing weakened pavement areas, cold planing roadway surfaces and structures, resurfacing, widening shoulder, adjusting storm drain manhole, cleaning existing culverts, replacing warning, regulatory and destination signs, traffic signal upgrade, installing pavement marking and striping and all incidentals necessary to complete this resurfacing work.
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.
6. Pay limits for pavement reconstruction shall be as shown on the plans. Extra excavation for purposes of ease and convenience shall not be compensated unless it is deemed necessary by the Engineer.
7. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting paving operations.
8. 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.
9. 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.
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. The contractor shall provide for access to and from all existing side streets and emergency call boxes at all times.
12. All saw cutting work shall not be paid for separately but shall be considered incidental to various contract items.

13. All holes, depressions and wheel ruts shall be filled and compacted with Asphalt Concrete Pavement, Mix No. V prior to resurfacing. This work will be paid for under Pay Item Leveling Course.
14. The Contractor shall install RM-5's on all existing guardrails spaced at every 25 feet. Spacing of RM-5's on horizontal curves shall comply with Table III-1 of the MUTCD. RM-5's shall not be installed on terminal sections.
15. The lateral limit of resurfacing at guardrail locations shall be at least to the face of the rail element.
16. New A.C. pavement at guardrails shall extend 6 feet longitudinally beyond the terminal ends.
17. 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.
18. All manhole frames and covers affected by the resurfacing shall be adjusted to the new grades as directed by the Engineer.
19. The Contractor shall clean all culverts and grated drop inlets (GDI) located along this project.

LEGEND

-  Reconstruction Areas
-  Cold Planing Areas
-  Resurfacing Limits
-  Existing Electrical Pull Box
-  Existing Electrical Line
-  Existing Joint Pole
-  Existing Power Pole
-  Existing Electric Manhole
-  Existing Telephone Line
-  Existing Telephone Pole
-  Existing Telephone Manhole
-  Existing 12" Water Line
-  Existing Sewer Line
-  Existing Sewer Manhole
-  Existing Monument
-  Adjusted Monument
-  Existing 24" Drain Line
-  Existing Storm Drain Manhole
-  Adjusted Storm Drain Manhole
-  Existing Grated Drop Inlet
-  Existing Catch Basin
-  Existing Traffic Sign
-  New Traffic Sign
-  New Traffic Sign With 2 Posts
-  Existing Street Light

DESIGNED BY	DATE
DRAWN BY	4/16/2006
CHECKED BY	
NOTED BY	
APPROVED BY	

5-30-06

Revised Note No. 5  
and Eliminate Note No. 11

DATE

REVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

GENERAL NOTES & LEGEND

HANA HIGHWAY RESURFACING  
Dairy Road to Haleakala Highway  
Project No. NH-036-1(16)

Date: Oct., 2005

SHEET No. 1 OF 1 SHEETS

ADD 3