


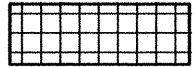
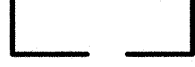
GENERAL NOTES

1. The Project begins on Haleakala Highway at Sta. 68+10 in the vicinity of Pukalani Junction and proceeds towards Five Trees at Sta. 156+85. The scope of work for this project consists of reconstructing, cold planing and resurfacing of existing pavement, replacing of signage and installation of pavement markings, application of crack seal and longitudinal joint stabilizer.
2. The Contractor's attention is directed to Sub-Section 104.04 Maintenance of Traffic, 107.13 Public Convenience and Safety, 107.21 Contractors Responsibility for Utility Property and Services, Section 645 Traffic Control of the Standard Specification and the Special Provisions.
3. Dressing of shoulder shall consist of clearing, grubbing, grading, reshaping and compacting the unpaved shoulders with suitable excavated material as shown on the plans and/or as directed by the Engineer. This work shall be considered incidental to Asphalt Concrete Pavement, Mix IV.
4. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting paving operations.
5. All construction signs shall be left in place until all construction items have been completed. Contractor shall obtain prior approval from the Engineer to remove construction signs.
6. The Contractor shall not leave more than 1½" drop-off at the edge of pavement, at the end of each work day. Whenever the Contractor leaves a 1½" drop-off, the Contractor shall install delineators and barricades along the edge of the pavement. This work which includes furnishing, installing, cleaning, maintaining correct placement and removing when required, shall be considered incidental to various contract items.
7. The Contractor shall provide for vehicular and pedestrian access to and from all existing sideroads, driveways and walkways at all times.
8. 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. All holes, depressions and wheel ruts shall be filled and compacted with Asphalt Concrete Pavement, Mix No. IV prior to resurfacing. This work will be paid for under Asphalt Concrete Pavement, Mix No. IV.
9. Existing signs that will be removed and replaced shall be carefully dissassembled and neatly organized and secured and delivered to the Maui District Baseyard. Payment for removal, storage and delivery shall be considered incidental to various pay items.
10. All saw cutting work shall be considered incidental to excavation for reconstruction of weakened pavement areas.
11. The Contractor shall remove and dispose of all existing raised pavement markers, traffic tapes, and epoxy adhesives prior to overlaying of Asphalt Concrete. This work shall be considered incidental to Asphalt Concrete Pavement, Mix No. IV and will not be paid for separately.
12. 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 the various contract items.
13. As shown on the plans or directed by the Engineer, a smooth riding transition shall be provided at the beginning and end of the project, at side streets, driveways, between all pavement areas used by public traffic during each construction phase, and between transition of construction phases. Payment for this work shall be made under Item No. 401.0100, A.C. Pavement, Mix No. IV.
14. All lanes shall be open to traffic during the morning peak hours from 6:30 a.m. to 8:30 a.m. and during afternoon peak hours from 3:30 p.m. to 6:00 p.m. and off work hours. See Special Provisions Section 645 (Work Zone Traffic Control).

15. The existence and location of underground utilities, manholes, monuments, pullboxes and structures as shown on the plans are from the latest available data but accuracy is not guaranteed. The encountering of other obstacles during the course of the work may be possible. The Contractor shall be held liable for any damages incurred to the existing facilities as a result of his operations or shall not be disturbed during cold planing and/or pavement reconstruction. All damaged portions shall be replaced on accordance with the Standards and Specifications of the State and/or the affected utility company. The Contractor shall contact Hawaii One Call Center for existence and location of underground utilities.
16. The exact limits of areas to be reconstructed shall be determined in the field by the Engineer. The depth of excavation for reconstruction shall be the reconstruction thickness minus the overlay thickness as designated on the plans. The excavated areas shall be reconstructed with Plant Mix Glassphalt Concrete Base Course prior to resurfacing.
17. The Contractor shall reference all existing pavement markings prior to resurfacing. Final placement of the new pavement markings shall be as approved by the Engineer. Payment for this work shall be considered incidental to new pavement markers and striping. See Standard Detail, TE 30.
18. All existing and new A.C. curbs shall be painted white. This work shall be considered incidental to Asphalt Concrete Pavement, Mix No. IV and will not be paid for separately.
19. Existing drainage system will be functional at all times during construction. The Contractor is to furnish materials, equipment, labor, tools and incidents necessary to accomplish maintenance of flow, the cost of which shall be considered incidental to the various contract items.
20. All manhole frames and covers affected by the resurfacing shall be adjusted to the new grades as directed by the Engineer.
21. Cold planed connections shall be constructed at all limits of resurfacing, including the beginning and end of project, connecting approaches, side streets along A.C. curbs, around GDI's and driveways as shown on the plans and/or as directed by the Engineer. Exact locations shall be determined in the field by the Engineer.
22. All signs shall be of standard sizes unless specified. The sizing for each corresponding sign designation can be found in the Standard Plans. The intent here is to replace all existing signs with the same sign. The Contractor shall verify the sign sizes with the Engineer.
23. At the end of each day's work and night's work, the Contractor shall remove all equipment and other obstructions to permit free and safe passage of public traffic.
24. Paving under guardrail shall be incidental to 401.0100 Hot Mix Asphalt (HMA) Pavement, Mix No. IV.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	37C-01-13M	2013	3	23

LEGEND

-  Reconstruction Areas
-  Cold Planing Areas
-  Resurfacing Limits
- ep Existing Edge of Pavement
- es Existing Edge of Shoulder
- III- RM-3
- III- RM-4
- ⊙_{mon.} Existing Monument
- ⊙_{MON.} Adjusted Monument
- ⌋ Existing Traffic Sign Wtih 1 Post
- ⌋ Existing Traffic Sign Wtih 2 Posts
- ⌋ New Traffic Sign Wtih 1 Post
- ⌋ New Traffic Sign Wtih 2 Posts
- ⊞_{gdi} Existing Grated Drop Inlet
- ⊞ Existing Highway Lighting Standard
- - - Existing Single Metal Guardrail
- x - Existing Fence
- ⊙_{dmh} Existing Storm Drain Manhole
- ⊙_{pp} Existing Power Pole
- ⊙_{wv} Existing Water Valve Box
- ⊙_{fh} Existing Fire Hydrant

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GENERAL NOTES AND LEGEND

HALEAKALA HIGHWAY RESURFACING
Vicinity of Pukalani Junction to Five Tree
M.P. 5.70 to M.P. 7.76
Project No. 37C-01-13M

Date: October, 2012