

GENERAL NOTES

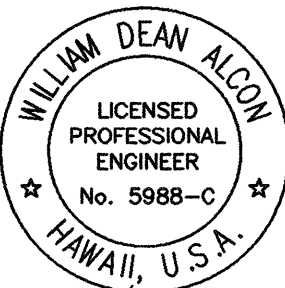
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-058-1(3)	2001	3	39

1. The scope of work for this project includes reconstructing weakened pavement areas; cold planing; resurfacing; reconstructing existing A.C. curbs; adjusting and/or installing centerline and reference survey monuments and standard street survey monuments; adjusting utility boxes, manholes, and water valve boxes; removing and installing pavement markings and traffic signs; removing existing metal guardrails and installing new metal guardrails; replacing existing curb ramps; installing and/or reconstructing existing drain inlets; and dressing shoulders.
2. The Contractor is reminded of the requirements of Subsection 108.01 - Subletting of Contract, which requires him to perform work amounting to not less than 50 percent of the total contract cost less deductible items. Non-compliance with this Subsection may be grounds for rejection of bid.
3. 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.
4. 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.
5. 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.
6. 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.
7. All lanes shall be open to traffic during morning peak hours from 6:30 A.M. to 8:30 A.M., during afternoon peak hour from 3:30 P.M. to 5:30 P.M. and during off work hours. Only one lane shall be closed at any other time. Failure of the Contrator to open all lanes of traffic during the times specified above shall result in assessment of liquidated damages as specified in Section 108.08 of the Special Provisions.
8. The Contractor shall notify the Engineer in writing, two (2) weeks prior to starting paving operations.
9. 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 Item No. 401.0400 - Asphalt Concrete Pavement, Mix No. IV and will not be paid separately.
10. 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 Item No. 401.0500 - Asphalt Concrete Pavement, Mix No. V.
11. 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.
12. 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.

13. 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.
14. Earth swale shall be graded to drain. This work shall be considered incidental to the various contract items.
15. The contractor shall provide for access to and from all existing side streets and driveways at all times.
16. All saw cutting work shall be considered incidental to Item No. 651.0100-Excavation for Reconstruction of Weakened Pavement Areas.
17. Install new Type II Object Marker on all utility poles or trees that are within the State Highway Right-of-Way and within 30 feet of the roadway edge of pavement as directed by the Engineer. Refer to Standard Plans TE-17.
18. Prior to his resurfacing operations, the Contractor shall be responsible for locating, preserving and marking all utility and highway facilities that will require adjustments to the new finished pavement grade. Additionally, the Contractor shall submit to the Engineer a list of all items, including water, drainage, sewer, electrical, telephone and cable utilities to be adjusted to the new finished grade.
19. Prior to commencing his resurfacing operations, the Contractor shall contact the County of Kauai's Department of Water Maintenance Branch (Phone No. 245-5444), and make arrangements for Department of Water personnel to "tone" for, and mark locations of existing valves boxes that may have been inadvertently paved over on previous resurfacing projects. Approximate locations of paved over valve boxes that are to be raised to the new finished grades are noted on the plans.
- It shall be the Contractor's responsibility to offset and record locations of the valve boxes as marked by the Dept. of Water for purposes of adjusting the valve boxes to the new finished grades after completion of his resurfacing operations. The Contractor shall preserve all offset stakes marking locations of the valve boxes. If offset stakes are damaged or lost, it shall be the Contractor's sole responsibility to survey and re-stake locations of the valve boxes.
- Payment for work involved in locating paved over water valves boxes shall not be paid for separately, but shall be considered incidental to Item No. 604.4550 - Adjusting Water Valve Box Frame and Cover.
20. No section where guardrails have been removed shall be left unshielded at the end of each work day. Open sections shall be shielded by portable physical barriers. Furnishing, placing and maintaining physical barriers shall be considered incidental to the various contract items. See plan Sht. No. 12 for details.
21. All new metal guardrails shall be single with strong posts, unless otherwise specified.
22. After completion of resurfacing, the Contractor and the Engineer will test for, and determine ponding areas (i. e. low spots within the resurfaced areas). It shall be the responsibility of the Contractor to correct and resurface and/or repair all such ponding areas.

23. Removal and disposal of Type C, F and G Terminal Ends, including concrete anchor blocks, grouted rubble paving and backfilling holes shall be paid under Item No. 606.9300 - Removal of Type C, F, or G Terminal End. Removal and disposal of steel rail and posts at Type C, F, and G Terminal Ends shall be paid under Item No. 606.9200 - Removal of Guardrail and Steel Posts.
- Removal and disposal of Breakaway Cable Terminal (BCT), including concrete foundations and backfilling holes, shall be paid under Item No. 606.9400 - Removal of Type BCT Terminal End. Removal and disposal of steel rail and posts at BCT Terminal End shall be paid under Item No. 606.9200 - Removal of Guardrail and Steel Posts.
24. All cold planed asphalt concrete pavement material and aggregate base course shall remain the property of the State. The Contractor shall transport to and stockpile these materials at the State Department of Transportation, Highways Division's baseyard in Kapaa. The exact location for stockpiling cold planed asphalt concrete pavement material and aggregate base course shall be determined by the Maintenance Engineer. Transporting and stockpiling cold planed asphalt concrete pavement material and aggregate base course shall be considered incidental to the various contract items.
25. The Contractor shall remove and dispose of silt, trash and vegetation growth from existing culverts and adjoining drainage structures, including aprons and outlets, where drop inlets are to be replaced/adjusted/reconstructed. This work shall be paid under contract Item No. 603.1950 - Clean Existing Culverts.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY D. Miron	9-8-00
	DESIGNED BY S. Hasegawa	
	CHECKED BY Wm. D. Alcon	



THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION <b>GENERAL NOTES</b>  NAWILIWILI ROAD RESURFACING Kaumualii Highway to Waapa Road Federal Aid Proj. No. NH-058-1(3)  Date: Nov. 2000  SHEET No. 1 OF 1 SHEETS
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