

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	360AB-01-00M	2001	4	42

MISCELLANEOUS NOTES

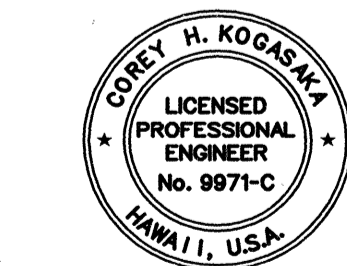
- The Contractor shall perform all grading in conformance with the requirements specified in the Maui County Grading Ordinance and the project's specifications.
- No Contractor shall perform any grading operation so as to cause falling rocks, soil or debris in any form to fall, slide or flow onto adjoining properties, streets or natural watercourses. Should such violations occur, the costs incurred shall be payable by the Contractor.
- The Contractor, at his own expense, shall keep the project area and surrounding area free from dust nuisance. The work shall be in conformance with the Hawaii Administrative Rules, Department of Health Air Pollution Control Standards contained in Chapter 11-60, "Air Pollution Control".
- The underground pipes, cables or ductlines known to exist by the Engineer from his search of records are indicated on the plans. The Contractor shall verify the locations and depths of the facilities and exercise proper care in excavating wherever connections of new utilities are shown on the plans, the Contractor shall expose the existing lines at the proposed connections to verify their locations and depths prior to excavation for the new lines.
- Adequate provisions shall be made to prevent surface waters from damaging the cut face of an excavation or the sloped surfaces of a fill. Furthermore, adequate provisions shall be made to prevent sediment-laden runoff from leaving the site.
- All slopes and exposed areas shall be sodded or planted immediately after grading has been completed. Contractor shall grass and maintain all exposed slopes such that 60% coverage will be achieved within 30 days and 95% coverage will be achieved within 60 days after planting.
- Fills on slopes steeper than 4:1 shall be benched.
- Construction debris and wastes shall be deposited at an appropriate site. The Contractor shall inform the Engineer of the location of disposal sites. The disposal site must also fulfill the requirements of the Grading Ordinance.
- No grading work shall be done on Saturdays, Sundays, and Holidays at any time without prior notice to the Engineer.
- The limits of the area to be graded shall be flagged before the commencement of the grading work.
- All grading operations shall be performed in conformance with the applicable provisions of the Water Pollution Control and Water Quality Standards contained in the Public Health Regulations, State Department of Health, on Water Pollution Control and Water Quality Standards and the County Grading Ordinance.
- The measures to control erosion and other pollutants shall be in place before any earth moving phase of the grading is initiated.
- Temporary Erosion Controls shall not be removed before permanent erosion controls are in-place and established.

- If the grading work involves contaminated soil, then all grading work shall be done in conformance with applicable state and federal requirements.

GENERAL NOTES FOR TRAFFIC CONTROL PLAN

- The permittee shall make minor adjustments at intersections, driveways, bridges, structures, etc., to fit field conditions.
- Cones or delineators shall be extended to a point where they are visible to approaching traffic.
- Traffic control devices shall be installed such that the sign or device farthest from the work area shall be placed first. The others shall then be placed progressively toward the work area.
- Regulatory and warning signs within the construction zone that are in conflict with the Traffic Control Plans shall be removed or covered. All signs shall be restored upon completion of the work.
- Flaggers and/or police officers shall be in sight of each other or in direct communication at all times.
- When required by the Engineer, the Contractor shall install a flashing arrow signal as shown on the Traffic Control Plans.
- All traffic lanes shall be a minimum of 10 feet wide.
- All construction warning signs shall be promptly removed or covered whenever the message is not applicable or not in use.
- The backs of all signs used for traffic control shall be appropriately covered to preclude the display of inapplicable sign messages (i.e., when signs have messages on both faces).
- At the end of each day's work or as soon as the work is completed, the Contractor shall remove all traffic control devices no longer needed to permit free and safe passage of public traffic. Removal shall be in the reverse order of installation.
- Permanent pavement markings and traffic signs shall be replaced upon the completion of each phase of work.
- All traffic control devices including cones, barricades, etc. shall comply with the "Statewide Guidelines for the Work Zone Traffic Control Devices" dated September 13, 2000.
- Install steady burn amber lamps on portable concrete barriers at 20 feet on center. Installing, maintaining, and charging batteries of the portable mounted steady burn amber lamps shall be considered incidental to the various contract items.
- All construction signs and temporary striping shall be removed after construction is completed, unless noted as a permanent item.
- The Contractor will follow traffic control plans at all sites during daytime hours when Hana Highway will be open to traffic. The Contractor will provide signage, striping, and flagman at each stop bar. Hana Highway will be open to traffic from 8:30 a.m. to 11:00 a.m., and 3:00 p.m. to 4:00 p.m.

SURVEY PLOTTED BY	DATE
DESIGNED BY	
NOTED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WAS MADE UNDER MY OBSERVATION.
Corey H. Kogawa
DATE: 4/27/01

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
GRADING/TRAFFIC CONTROL NOTES	
HANA HIGHWAY REPAIRS AND MAINTENANCE PROJECT NO. 360AB-01-00M	
Scale: N/A	Date: March, 2001
SHEET No. 1 OF 1 SHEETS	