

GENERAL NOTES

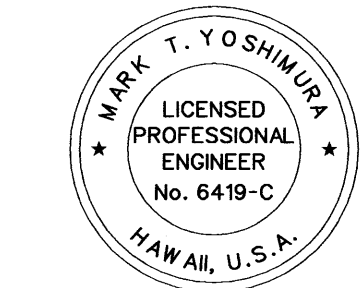
1. The scope of work for this project consists of seismic retrofit repairs and related roadway repairs including removing existing guardrails, installing new guardrails, and strengthening of existing columns.
2. The Contractor is reminded of the requirements of Subsection 105.16 - Subcontracts, which requires him to perform work amounting to not less than 30 percent of the total contract cost except any items designated by the state in the contract as "Specialty 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 Specifications : Section 107 - Legal Relations and Responsibility to the Public; and Section 645 - Work Zone 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. 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.
7. The Contractor shall stakeout and clearly mark locations of new guardrails and end points to be installed and shall not proceed with installation until approval by the Engineer.
8. Construction area shall be shielded by portable physical barriers. Placing, maintaining, reflecting, and removal of portable physical barriers shall be considered incidental to the various contract items.
9. Prior to constructing new guardrails, Contractor shall verify locations of all existing underground facilities, structures, manholes, etc.
10. Layout of pavement markings and striping shall be done by the Contractor and approved by the Engineer prior to any installation work.
11. Existing pavement markings not incorporated in the final traffic pattern shall be removed as directed by the Engineer. Costs shall be incidental to the various pavement marking items.
12. All preformed pavement marking tapes over existing pavement shall be applied with an approved primer as recommended by the tape manufacturer and as approved by the Engineer. The primer shall be allowed to dry to the tacky stage prior to tape application.
13. No material and/or equipment shall be stockpiled or otherwise stored within the highway right-of-way except at locations designated in writing and approved by the Engineer. If use of a location is approved by the Engineer, the Contractor shall obtain a permit to use the property within the Right-of-Way from the State Highway Right-of-Way Branch at telephone number 692-7332.

TRAFFIC CONTROL NOTES

1. The permittee shall make minor adjustments at intersections, driveways, bridges, structures, etc., to fit field conditions.
2. Concrete barriers or delineators shall be extended to a point where they are visible to approaching traffic.
3. 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.
4. 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.
5. Flaggers and/or police officers shall be in sight of each other or in direct communication at all times.
6. When required by the Engineer, the Contractor shall install a flashing arrow signal as shown on the Traffic Control Plans.
7. All traffic lanes shall be a minimum of 10 feet wide.
8. All construction warning signs shall be promptly removed or covered whenever the message is not applicable or not in use.
9. 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).
10. 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.
11. Permanent pavement markings and traffic signs shall be replaced upon the completion of work.
12. 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.
13. 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.
14. All construction signs and temporary striping shall be removed after construction is completed, unless noted as a permanent item.

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-H3-K(79)	2010	3	37

ORIGINAL PLAN	DATE
NOTED BY	
DESIGNED BY	
CHECKED BY	
NO.	



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.  
*Mark T. Yoshimura*  
EXP. DATE: APRIL 2010

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

GENERAL NOTES

Interstate Route H-3  
Seismic Retrofit of Mokapu Interchange  
FEDERAL AID PROJECT NO. BR-H3-K(79)

Scale: N/A      Date: April, 2008

SHEET No. 01 OF 11 SHEETS