

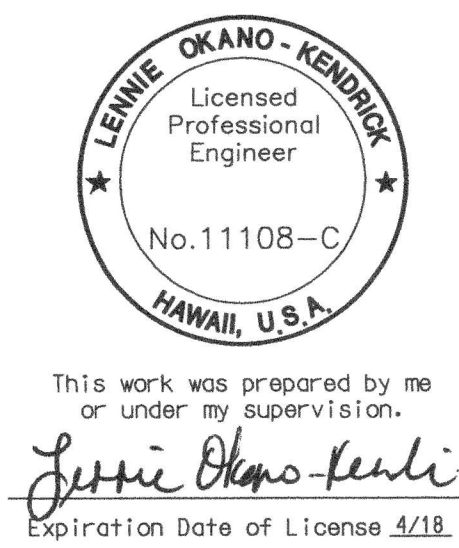
STANDARD TRAFFIC NOTES

- 1. The permittee shall make minor adjustments at intersections, driveways, bridges, structures, etc., to fit field conditions.
- 2. Concrete barriers, cones, barricades 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.
- 7. All temporary work zone traffic lanes shall be a minimum of 11 feet wide and have 2 feet shoulders.
- 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.

TRAFFIC CONTROL PLAN NOTES

- 1. The construction traffic control plans are intended to provide the Contractor with a general traffic control plan for the phasing of the roadway work. It is not intended to be used to sequence every aspect of the work. The Contractor shall be responsible to sequence the work as required to provide access to abutting properties and intersecting streets and modify the traffic control plans accordingly, and shall submit detailed traffic control plans as indicated below.
- 2. Prior to start of any construction activities on the site, the Contractor shall prepare, submit for review, and obtain approval of detailed traffic control plans that comply with latest MUTCD requirements and show at a minimum:
 - A. The phases of construction within the project, and which areas will be constructed under each phase.
 - B. Lanes (original, temporary detours, or final) that will be open to traffic flow during construction hours, along with all traffic control devices, police, etc. to be used to control traffic.
- 3. The traffic control plans shall conform to the following limitations:
 - A. The Contractor shall sequence the work to minimize disruption of access to the abutting properties. The Contractor shall notify the abutting property owners and users in advance of scheduled work requiring temporary inconveniences and disruption of access and shall provide temporary facilities and access at no additional cost to the state.
 - B. Contractor shall use police officers for flagging operations.
 - C. Contractor shall apply for all road closure permits and comply with all public notification requirements per County and State regulations and/or laws.
 - D. Contractor shall at all times during construction maintain pedestrian access on at least one side of the highway. Pedestrian access must be protected from construction work by barricades or temporary construction fencing. Temporary crosswalks shall be provided where pedestrian access switches from one side of the street to the other, and/or at intersections.
- 4. Phasing, traffic control devices, police officers, etc. necessary to comply with the above shall be considered incidental to various items in the contract, and shall not be paid for separately.
- 5. Approval by the Engineer of the Contractor's traffic control plans shall not relieve the Contractor of any liability or of his responsibilities to complete all work in a safe manner and in accordance with all applicable regulations, laws and guidelines.
- 6. The Contractor shall be responsible for the extent of the traffic control plan implemented at all times.
- 7. The Contractor shall be responsible for temporary power costs for all temporary traffic signals and street lighting.
- 8. The Contractor shall be responsible for installing, maintaining, and removing all necessary traffic signs and pavement markings required to accommodate traffic control.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0190(016)	2016	21	36



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TRAFFIC NOTES
MAMALAHOA HIGHWAY
DRAINAGE IMPROVEMENTS
Vicinity of Puuwaawaa Ranch Road
Federal-Aid Project No. STP-0190(016)
Scale: N/A Date: April 2016
SHEET No. 1 OF 1 SHEETS