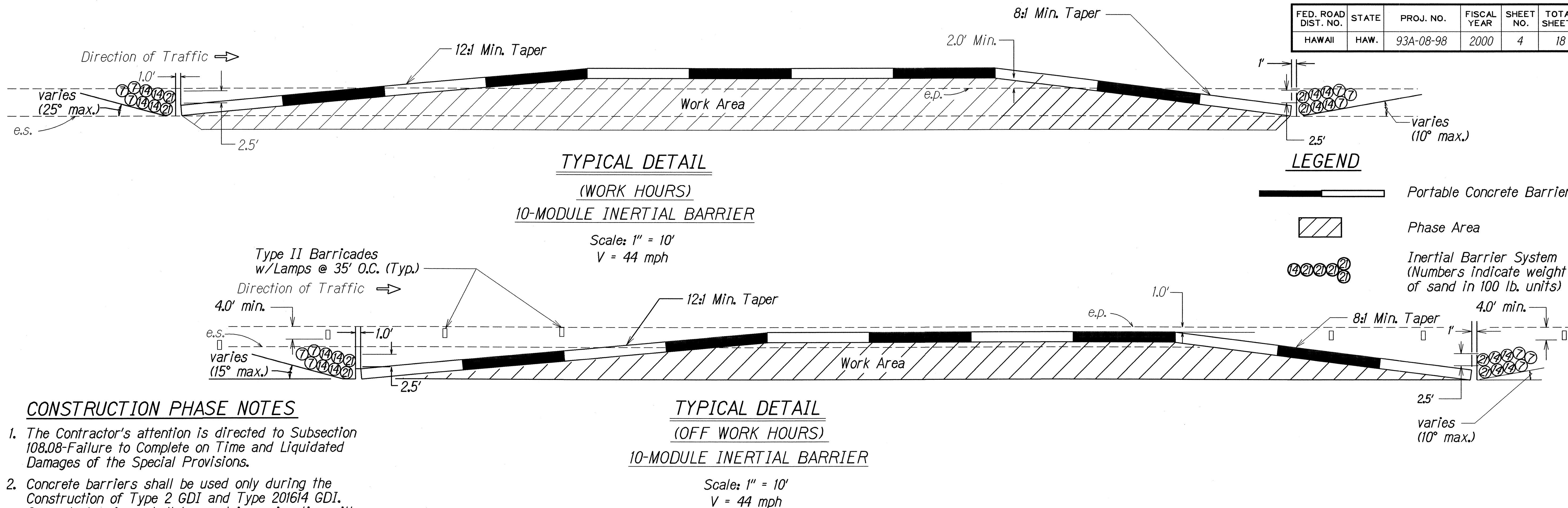


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	93A-08-98	2000	4	18



CONSTRUCTION PHASE NOTES

- The Contractor's attention is directed to Subsection 108.08-Failure to Complete on Time and Liquidated Damages of the Special Provisions.
- Concrete barriers shall be used only during the Construction of Type 2 GDI and Type 201614 GDI. Concrete barriers shall be used in conjunction with traffic control for Multilane Undivided Highway - Right Lane Closed as specified in Section 645 - Traffic Control Devices of the Special Provisions.
- Shoulder work without any lane encroachment shall use the Traffic Control Plan for Working on Shoulder or Roadside as specified in Section 645 of the Special Provisions.
- The Contractor shall submit a traffic control plan to the Engineer for approval of work involving the installation of culverts as directed in Subsection 104.04 - Maintenance of Traffic of the Special Provisions. This work shall be considered incidental to the various contract items.
- Any deviation in the traffic control plan and construction phasing shall be submitted in writing to the Engineer for approval. The Contractor shall not proceed to the next construction Phase without approval by the Engineer. Any requests for adjustments shall be submitted in writing and approved by the Engineer.
- Relocation and/or removal of temporary signs, posts and portable concrete barriers used for Construction Phasing shall be paid for under Item No. 645.0301 - State Furnished Temporary Portable Concrete Barriers (Intermediate Panels).
- The Contractor shall delete the use of the ground anchorage steel pin for State Furnished Portable Concrete Barrier.
- Portable concrete barrier panels not in use during construction work shall not be stockpiled or stored within the highway rights-of-way except at locations approved by the Engineer.
- The Contractor shall periodically wash down signs, delineators and portable concrete barriers called for in the Construction Phasing Plans as deemed necessary by the Engineer. This work shall be considered incidental to the various contract items.
- The location of pavement markings and signs, delineators and portable concrete guardrail panels used in the Construction Phasing shall be as shown on the plans and/or as determined in the field by the Engineer.
- Damage to signs, temporary pavement markers, delineators and portable concrete barriers caused by the public shall be repaired or replaced by the Contractor as directed by the Engineer. This work shall be paid for under Item No. 645.2000 - Police Officers and/or Additional Traffic Control Devices. Damage caused by the Contractor's negligence shall be repaired or replaced at the Contractor's expense.
- Work required for Construction Phasing will be paid under applicable contract items or as otherwise specified herein. All other traffic control work shall be in accordance with Section 645 - Traffic Control Devices. Work required for lane closures during the work day will be considered incidental to various contract items. Advance Construction Warning Signs as required under Section 645 of the Special Provisions shall be installed on all approaches to construction areas. This work shall be considered incidental to the various contract items.
- Install Steady Burn Amber Lamps on portable concrete barrier @ 20.0' O.C. Installing, maintaining and changing batteries of the Portable Mounted Steady Burn Amber Lamps shall be considered incidental to Item No. 645.0501 - State Furnished Portable Concrete Barrier (Intermediate Panel).
- Pavement markings shall be restored to original condition upon completion of the work within the area. Cost shall be considered incidental to the installation of Type 2 GDI and Type 201614 GDI.
- Typical layout of inertial barrier system will vary based on speed and manufacturer of the system used. Installation shall conform to Manufacturer's recommendations.
- The Contractor shall be responsible for furnishing labor, materials, tools, equipment and incidentals necessary to load and haul the portable concrete barrier panels to the jobsite from the Waipio Interchange or from a designated area specified by the Engineer; furnish and install the connecting pins and grout as necessary to complete a full and useable unit; relocate barriers during construction; and clean, repair, haul and return the panels to the Waipio Interchange or to an area designated by the Engineer after completion of the project.
- After the completion of the project, the sand will be removed and disposed of from each module and each empty module shall be hauled to the Pearl City Base-yard or to an area directed by the Engineer. Prior to hauling, each module shall be cleaned and nested together for transport. Upon completion of the project, the Inertial Barrier System and materials thereof shall become the property of the State.
- Type II Barricade with steady burn amber lamp used during the construction phase shall be considered incidental to the various contract items.
- All temporary signs and delineators for the purposes of the Construction Phase shall become the property of the Contractor at the completion of the project.
- Type II barricades with steady burn amber lamp used during Construction Phase shall be considered incidental to the various contract items.

STATE OF HAWAII	
DEPARTMENT OF TRANSPORTATION	
HIGHWAYS DIVISION	
CONSTRUCTION PHASING	
NOTES, LEGEND & DETAIL	
FARRINGTON HIGHWAY DRAINAGE IMPROVEMENTS	
Auyong Homestead Road to Nanaikaola Street	
Project No. 93A-08-98	
Date: Dec., 1999	
SHEET No. 1 OF 1 SHEETS	