

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-H2-I(33)	2007	ADD. 74	168

TRAFFIC CONTROL AND DETOUR GENERAL NOTES

1. Construction Phases for this project are as follows:
- a. Traffic Control Plan Phase I: H-2 Ramp HM-1 Closed (O.B. H-2 @ Sta. 209+88.77 to H-2 Ramp "HM-1" @ Sta. 21+07.00)
  - b. Traffic Control Plan Phase II: H-2 Ramp HM-1 Closed (@ Sta. 21+07.00 to @ Sta. 15+00.00)
  - c. Traffic Control Plan Phase III: H-2 Ramp HM-1 Right Lane Closed (@ Sta. 15+00.00 to @ Sta. 6+10.00)
  - d. Traffic Control Plan Phase IV: H-2 Ramp HM-1 Left Lane Closed (@ Sta. 15+00.00 to @ Sta. 6+10.00)
  - e. Traffic Control Plan Phase V: H-2 Ramp MH-2 Right Lane Closed (@ Sta. 4 +54.00 to @ Sta 15+00.00)
  - f. Traffic Control Plan Phase VI: H-2 Ramp MH-2 Left Lane Closed (@ Sta. 4+54.00 to @ Sta. 15+00.00)
  - g. Traffic Control Plan Phase VII: H-2 Ramp MH-2 Left Lane Closed (@ Sta. 15+00.00 to @ Sta. 26+00.00)
  - h. Traffic Control Plan Phase VIII: H-2 Ramp MH-2 Right Lane Closed (@ Sta. 15+00.00 to @ Sta. 26+00.00)
  - i. Traffic Control Plan Phase IX: H-2 Ramp MH-2 Closed (@ Sta. 26+00.00 to @ Sta. 31+60.00)
  - j. Traffic Control Plan Phase X: Meheula Parkway - Mililani Mauka Bound Lanes, H-2 Ramp MH-2 and H-2 Ramp R-2 Closed (@ Sta. 34+40.00 RT to @ Sta. 30+82.00 RT)
  - k. Traffic Control Plan Phase XI: Meheula Parkway - Mililani Mauka Bound Lanes, H-2 Ramp MH-2 and H-2 Ramp R-2 Closed (@ Sta. 30+82.00 RT to @ Sta. 26+64.00 RT)
  - l. Traffic Control Plan Phase XII: Meheula Parkway - Mililani Town Bound Lanes, H-2 Ramp R-2 and H-2 Ramp R-3 Closed (@ Sta. 26+64.00 LT to @ Sta. 30+90.00 LT)
  - m. Traffic Control Plan Phase XIII: Meheula Parkway - Mililani Town Bound Lanes and H-2 Ramp R-1 Closed (@ Sta. 30+90.00 LT to @ Sta. 34+40.00 LT)
  - \*n. Traffic Control Plan Phase XIV: Meheula Parkway - Mililani Mauka Bound Lanes and H-2 Ramp HM-1 Closed (@ Sta. 23+46.00 RT to @ Sta. 31+45.00 RT)
  - \*o. Traffic Control Plan Phase XV: Meheula Parkway - Mililani Town Bound Lanes and H-2 Ramp B Closed (@ Sta. 27+33.00 LT to @ Sta. 31+45.00 LT)
  - \*p. Traffic Control Plan Phase XVI: Meheula Parkway - Mililani Town Bound Lanes and H-2 Ramp A Closed (@ Sta. 23+46.00 LT to @ Sta. 28+56.00 LT)

Any request for adjustments in sequence of Construction Phasing shall be submitted in writing and approved by the Engineer. No adjustment to the contract time will be allowed for any request to alter the construction phase sequence and/or plans. The Contractor's attention is directed to Section 108.08 - Failure to Complete in Time and Liquidated Damages of the Special Provisions.










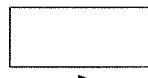
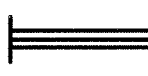
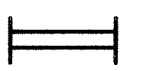
2. Minimum width of traffic lane through work area is 10'.
3. Relocation and/or removal of temporary signs and posts used for Traffic Control shall be considered incidental to various contract items.
4. Damage to signs, temporary pavement markers, delineators, barricades and lamps caused by the public shall be repaired or replaced by the Contractor as soon as possible, or as directed by the Engineer. This work shall be paid for under Item No. 645.1000 - Traffic Control. Damage caused by the Contractor's negligence shall be repaired or replaced at the Contractor's expense.
5. The Type II and Type III Barricades with lamps used during construction shall be considered incidental to various contract items.

\*Changed to night work only.

6. Work required in the Detour/Traffic Control Plans will be paid under applicable contract items or otherwise specified herein. All other traffic control work shall be in accordance with Section 645 - Traffic Control. Work required for lane closures during the working day will not be paid for but shall 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 various contract items.
7. The Flashing Arrow Signal used during construction shall be considered incidental to various contract items.
8. The Contractor shall publish "Notice to Motorists" 1 week prior to the start of construction. Public notice shall be coordinated with the Department of Transportation, Highways Division.
9. The Contractor shall notify Lowell Tom (848-4578) at Oahu Transit Authority (The Bus) 4 weeks prior to start of construction.
10. The Permittee shall make minor adjustments at intersections, driveways, bridges, structures, etc., to fit field conditions.
11. Cones or delineators shall be extended to a point where they are visible to approaching traffic.
12. 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.
13. 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.
14. Flaggers and/or police officers shall be in sight of each other or in direct communication at all times.
15. When required by the issuing office, the Permittee shall install a flashing arrow signal as shown on the Traffic Control Plans.
16. All construction warning signs shall be promptly removed or covered whenever the message is not applicable or not in use.
17. 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).
18. Lane closure shall be limited only to the extent of accomplishing each day's work. As soon as each day's work is completed, the permittee 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. Existing faded or obliterated pavement markings that are necessary for safe traffic flow in the construction area shall be replaced with temporary or permanent markings before opening the roadway to public traffic each day.
19. Replace permanent pavement markings and traffic signs upon completion of each phase of work.
20. Cones and delineators shall be spaced at maximum distance of 20 feet apart. A minimum of six channelizing devices shall be used for each taper length.
21. Buffer and taper areas on approach to any work area shall be kept clear of vehicles and equipment.
22. "No Parking" signs shall be posted within any work area and for the buffer and taper areas approaching the work area.
23. Traffic control plans are approved for work on any city street area only between the hours of 8:30 a.m. and 3:30 p.m.

24. Markers prefixed with "IM" shall have a white legend on a blue background except the Interstate shield which shall be a red, white and blue design.
25. Markers prefixed with "C" shall be a black legend on orange background.
26. Contractor to provide up to 2 electronic message signs per each road/ramp closure as part of the traffic control lump sum item. Electronic message signs shall be set up one week prior to any road/ramp closure and for the duratin of the road/ramp closure at the location specified by the Engineer. Electronic message signs will not be paid for separately, but shall be considered incidental to the Contract Item No. 645.100 - Traffic Control.
27. In addition to the detour signs shown on Plan Sheet T4, Contractor shall install appropriate traffic controls for each road/ramp closure. All traffic control work, including detour signs will not be paid for separately, but shall be considered incidental to Contract Item No. 645.1000 - Traffic Control.
28. Contractor shall furnish a minimum of one (1) uniformed police officer with vehicle equipped with blue strobe light at each roadway approach to the road/ramp closure area. The furnishing of a police officer with vehicle will not be paid for separately, but shall be considered incidental to Contract Item No. 645.1000 - Traffic Control.
29. All signs shown within the City right-of-way shall be installed on existing street light posts or temporary non-marring sign supports. This work shall be considered incidental to various contract items.
30. The Contractor shall maintain ADA-compliant pedestrian routes during construction, including temporary pedestrian passageways created due to barricades or rerouting of pedestrian routes. All ADA-route work, including temporary ramps, will not be paid for separately, but shall be considered incidental to Contract Item No. 645.1000 - Traffic Control.

LEGEND FOR AS-BUILT POSTINGS

-  Squiggly line for as-built deletion
-  Double line for as-built deletion
- Roadway Text for as-built posting
-  Detour Route
-  Two Direction Detour Route
-  Road Closure Area
-  Electronic Message Sign
-  Temporary Construction Sign w/Post
-  Cones or Delineators for Work Area Spacing at 10' o.c.
-  Work Area
-  Flashing Arrow Signal
-  Type III Barricade w/"Ramp Closed" Sign
-  Type II Barricade

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**TRAFFIC CONTROL & DETOUR  
GENERAL NOTES & LEGEND**  
**INTERSTATE ROUTE H-2 REHABILITATION**  
**Waipio Interchange & Mililani Interchange**  
**On/Off Ramps, Ka Uka Blvd., Meheula Pkwy.**  
**Overpass, & Kipapa Stream Bridge**  
**Federal Aid Project No. IM-H2-I(33)**  
Not to Scale Date: Dec. 2006

5/16/07 Revised General Notes nos. 1 & 27.

DATE REVISION

SHEET No. T3 OF 63 SHEETS

"AS-BUILT"

ADD. 74

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	5/16/06
	TRACED BY	
	NOTED BY	
NOTE BOOK 102may	QUANTITIES BY	
	CHECKED BY	



