

GENERAL TRAFFIC CONTROL NOTES

1. Relocation and/or removal of temporary signs, posts and portable concrete barriers used for Traffic Control shall be considered incidental to their respective contract items.
2. All temporary signs and delineators for the purposes of Traffic Control shall become the property of the Contractor at the completion of the project.
3. The Contractor shall delete the use of the ground anchorage steel pin for State Furnished Portable Concrete Barrier.
4. Portable concrete barrier panels not in use during construction work shall not be stockpiled or otherwise stored within the highway rights-of-way except at locations approved by the Engineer.
5. The Contractor shall periodically wash down signs, delineators, cones and portable concrete barriers called for in the Traffic Control Plans as deemed necessary by the Engineer. This work shall be considered incidental to the various contract items and no payment will be made therefore.
6. The location of pavement markings and signs, delineators, cones and portable concrete barriers used in the Traffic Control Plans shall be as shown on the plans and/or as determined in the field by the Engineer.
7. Damage to signs, temporary pavement markers, delineators, cones, barricades, sand barrels, lamps and portable concrete barriers 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. 645.0200 – Additional Police Officers, Additional Traffic Control Devices and Advertisement. Damage caused by the Contractor's negligence shall be repaired or replaced at the Contractor's expense.
8. Work required in the State's Traffic Control Plans will be paid under applicable contract items or as otherwise specified herein. All other traffic control work shall be in accordance with Section 645 – Work Zone 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 Standard Specifications shall be installed on all approaches to construction areas including on-ramps. This work shall be considered incidental to the various contract items.
9. Install Steady Burn Amber Lamps on portable concrete barrier @ 20' o.c. Installing, maintaining and changing batteries of the Portable Mounted Steady Burn Amber Lamps shall be considered incidental to the various contract items.
10. The Type II Barricades with steady burn amber lamp used during Traffic Control shall be considered incidental to the various contract items.
11. All traffic control devices used for this project shall comply with Section 645 – Work Zone Traffic Control.
12. Existing conflicting pavement markings shall be removed and temporary markings shall be installed before traffic patterns are changed. After completion of the work, temporary markings shall be removed. This work shall be considered incidental to the various contract items.

13. Cones or delineators shall be extended to a point where they are visible to approaching traffic.
14. 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.
15. Regulatory and warning signs within the construction zone that are in conflict with the Traffic Control Plans shall be moved or covered.
16. Flaggers and/or Police officers shall be in sight of each other or in direct communication at all times.
17. All construction warning signs shall be promptly removed or covered whenever the message is not applicable or not in use.
18. 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).
19. At the end of each day's work or as soon as the 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.

TRAFFIC CONTROL DETAIL NOTES:

1. The Working on Shoulder or Roadside Plan may be used only if all road work, including equipment and workers are off the travel way.
2. Cone or Delineator spacing will be 35' in the Tangent and Taper and 10' in the Work Area.
3. The Engineer will determine if the Advisory Speed Sign is necessary.
4. The Contractor will provide necessary adjustments to accomodate bicyclists and pedestrians.
5. CW20-1d-A sign is required for a posted speed limit of 45 M.P.H. or greater.
6. Signing is not required if the Work Area, including equipment and workers, is outside the Clear Zone Distance, as specified in the latest AASHTO Roadside Design Guide.
7. For Work being performed in the Left Lane, Left Lane Closure Signs and Taper shall be substituted.
8. For Work being performed in the Left Center Lane, use Mirror image of layout shown with appropriate Left Lane Closure Signs and Taper.

FED.ROAD DIST.NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
OAHU	HAW.	99C-01-13	2014	22	41

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

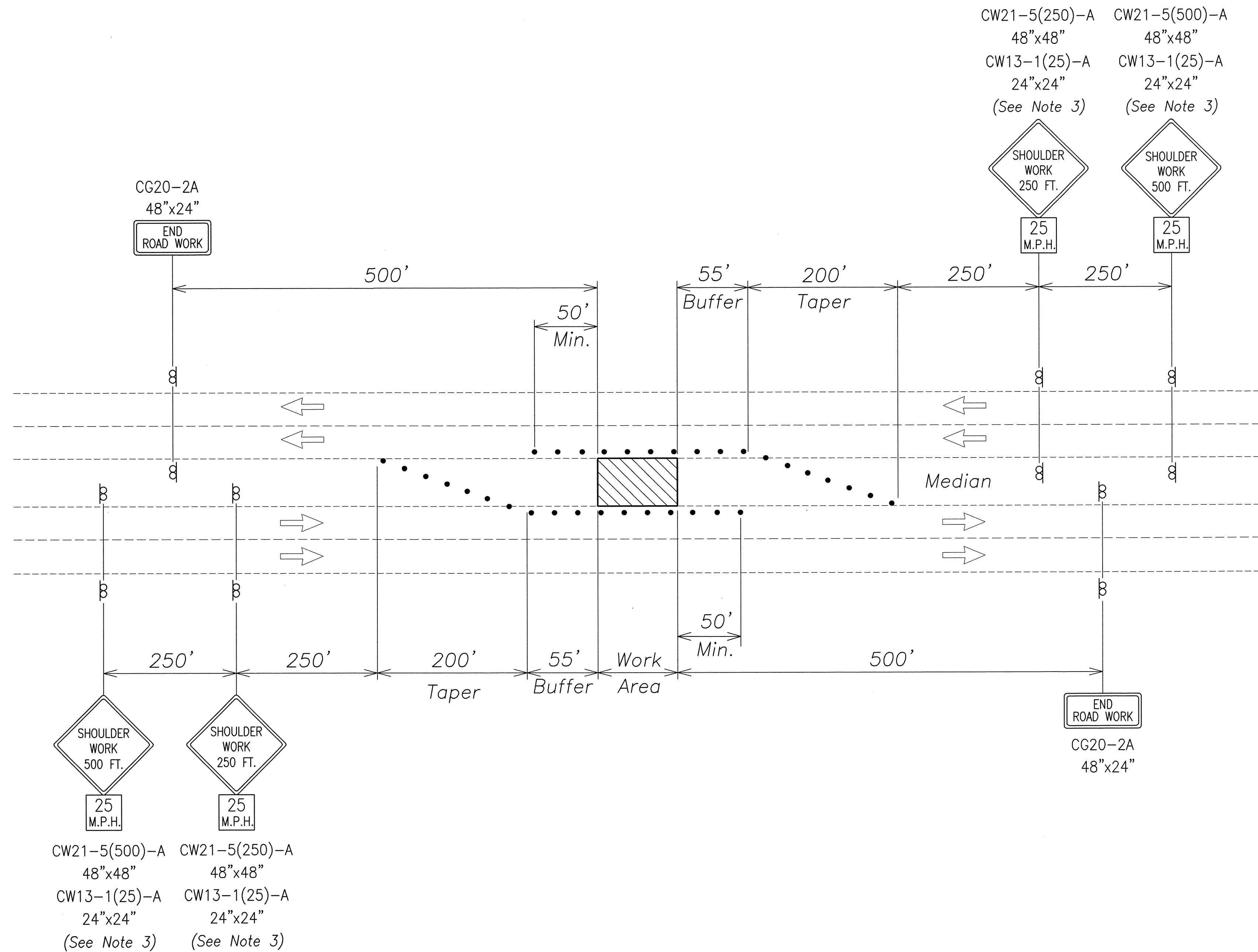
TRAFFIC CONTROL NOTES

TRAFFIC OPERATIONAL IMPROVEMENTS
AT VARIOUS LOCATIONS
Vicinity of Kamehameha Highway and
Lumiaina Street
Project No. 99C-01-13

Scale: As NotedDate: Jan 2014

SHEET No. 1 OF 4 SHEETS

FED.ROAD DIST.NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
OAHU	HAW.	99C-01-13	2014	23	41



POSTED SPEED LIMIT 25 MPH
WORKING ON SHOULDER, ROADSIDE OR MEDIAN
NOT TO SCALE

LEGEND

- Cone or Delineator
- ➡ Direction of Traffic
- ⌘ Sign
- ⬆ Flashing Arrow Signal
- ▬ Portable Concrete Barrier

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	No.
NOTE BOOK	

C:\Documents and Settings\Peter\My Documents\Projects\2009-028 Traffic Operational Improvements\Plans\AutoCAD Files\Construction PI22-24_TCP.dwg Wed, Jan 08 2014 - 11:56am

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

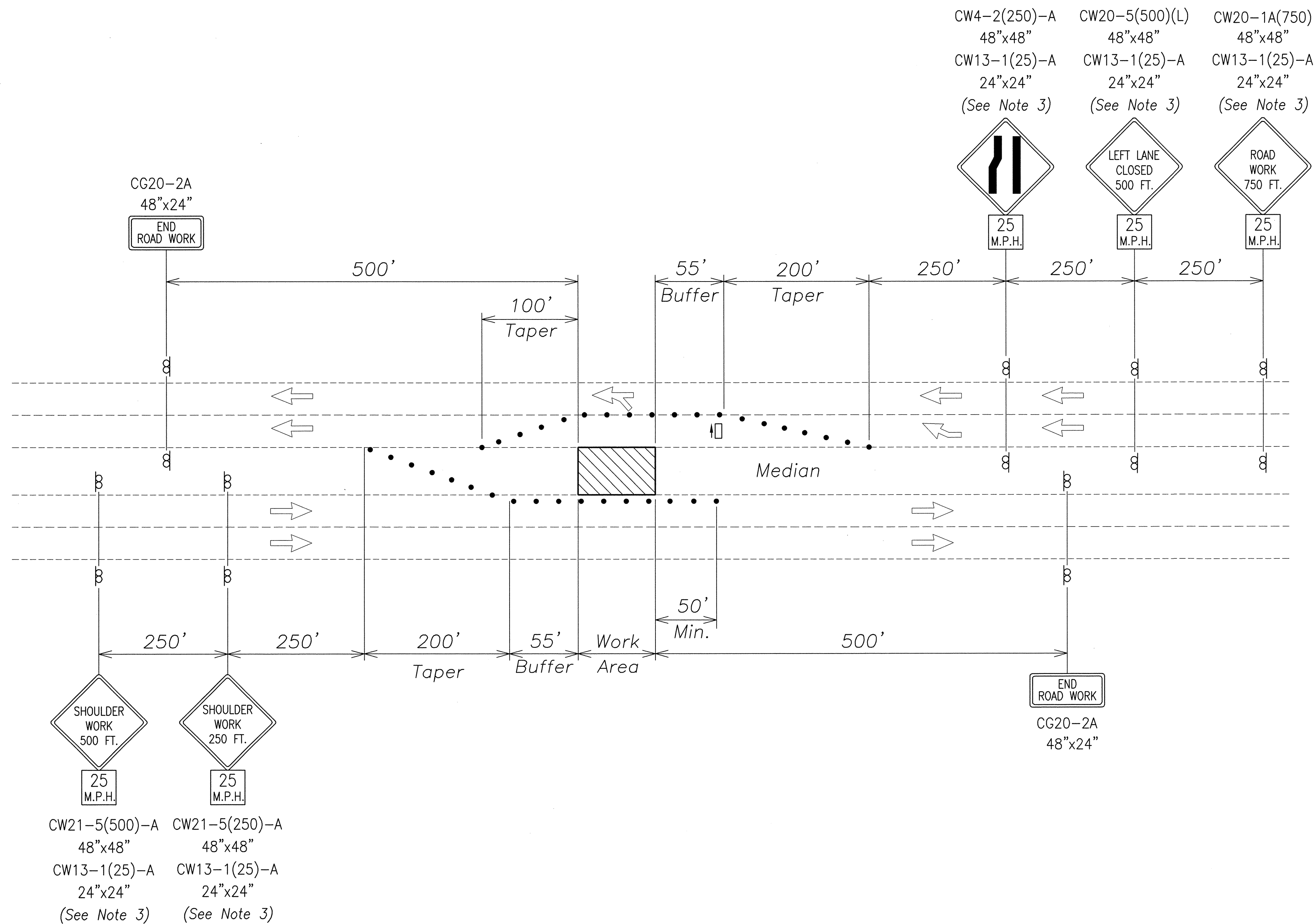
TRAFFIC CONTROL PLANS

TRAFFIC OPERATIONAL IMPROVEMENTS
AT VARIOUS LOCATIONS
Vicinity of Kamehameha Highway and
Lumaiaina Street
Project No. 99C-01-13

Scale: As Noted Date: Jan 2014

SHEET No. 2 OF 4 SHEETS

FED.ROAD DIST.NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
OAHU	HAW.	99C-01-13	2014	24	41



POSTED SPEED LIMIT 25 MPH
WORKING ON SHOULDER, ROADSIDE OR MEDIAN AND LEFT LANE CLOSED
NOT TO SCALE

LEGEND

- Cone or Delineator
- ➡ Direction of Traffic
- ⊘ Sign
- ⬆ Flashing Arrow Signal
- ▬ Portable Concrete Barrier

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLANS

TRAFFIC OPERATIONAL IMPROVEMENTS
AT VARIOUS LOCATIONS
Vicinity of Kamehameha Highway and
Lumiaina Street
Project No. 99C-01-13
Scale: As Noted Date: Jan 2014
SHEET No. 3 OF 4 SHEETS