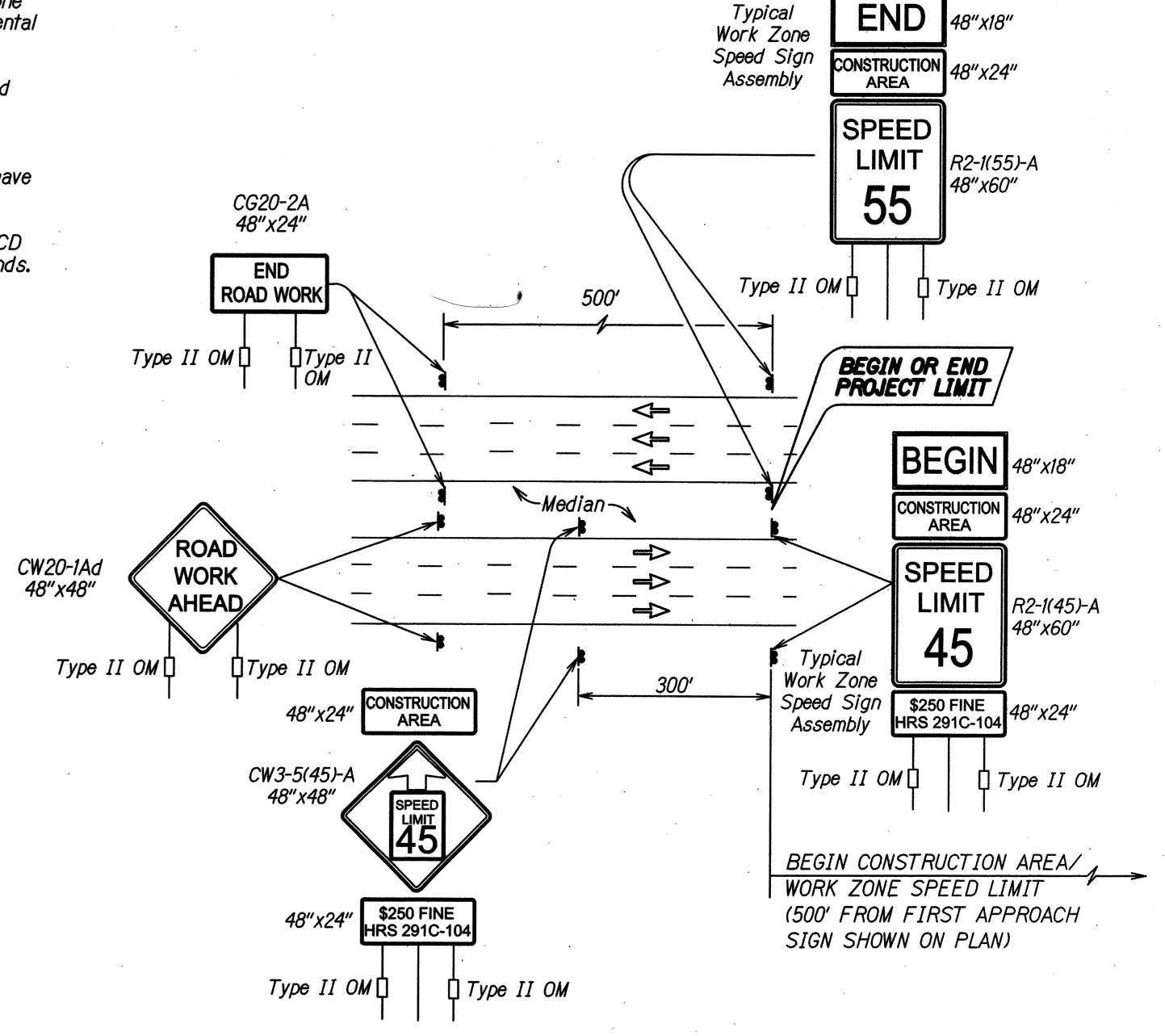
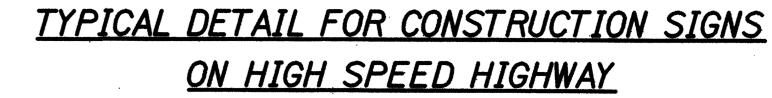
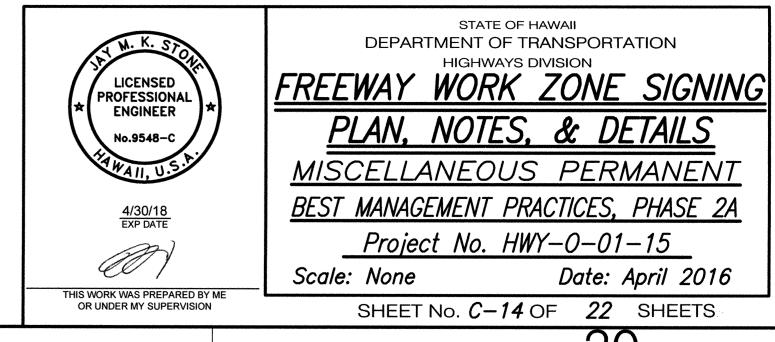
Work Zone Note:

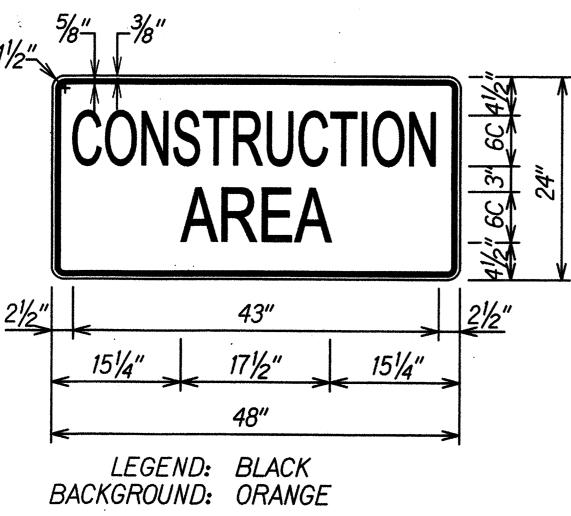
- 1. All existing regulatory speed limit signs within the work zone/project limits shall be covered and work zone speed limit sign assemblies (R2-1(45)-A and R2-5b(45)-A with "CONSTRUCTION AREA" and "\$250 FINE HRS 291C-104" Supplemental Signs) shall be displayed during lane closure hours.
- 2. Upon removal of the lane closure, all work zone speed limit signs shall be covered and existing speed limit signs within the work zone/project limits shall be restored.
- 3. Construction signs shall be installed on both the approaching and trailing ends of each work zone.
- 4. Each construction sign and work zone speed limit assembly shall have a minimum of two (2) Type II OM. Installation of each Type II OM shall be considered incidental to Item No. 645.0100-Traffic Control.
- 5. All work zone speed sign assembly shall be mounted on three (3) 4.00 lbs./ft. galvanized flanged channel sign posts with a sign clearance height of five (5) feet. Sign stiffeners as specified by Standard Plan Sheet TE-02 shall be installed as needed or as directed by the Engineer.

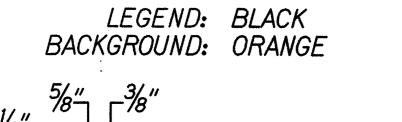
- 6. The daily covering and uncovering of existing regulatory speed limit signs along with the installation; maintenance, removal and daily covering and uncovering of work zone speed limit sign assemblies shall be considered incidental to Item No. 645.0100 - Traffic Control.
- 7. All work zone signs shall have the project number and Contractor's name on the back of the sign in 1/2" high letters, black paint.
- 8. All traffic cones, delineators, and barrels, etc. shall have retroreflective bands.
- 9. All cones shall be retroreflective as required by MUTCD and be a min. of 28" high \$ weigh a minimum 10 pounds.

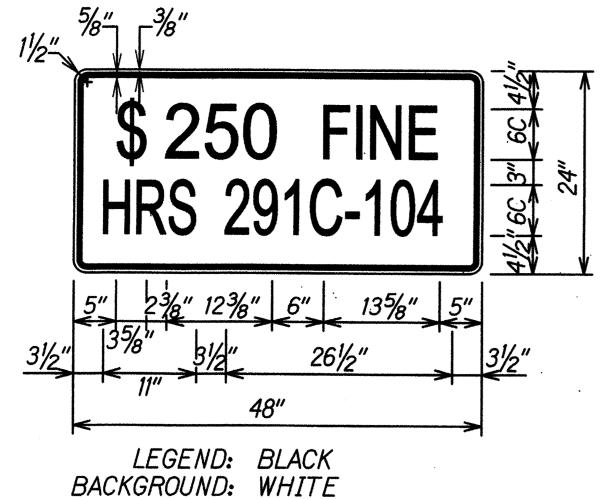


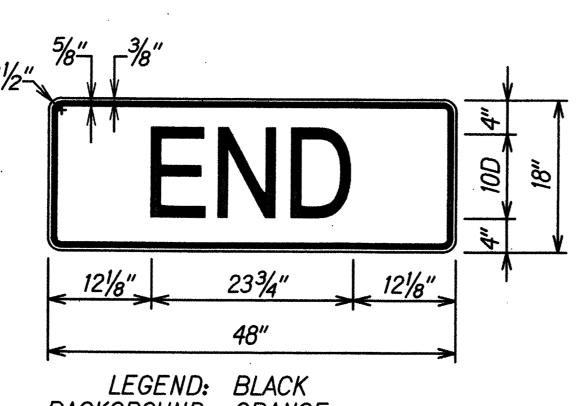


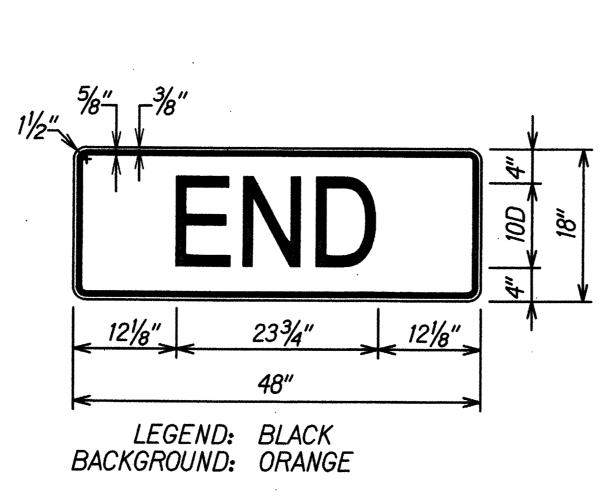












363/4"

LEGEND: BLACK

BACKGROUND: ORANGE

SHEET TOTAL NO. SHEETS

30

SHEETS

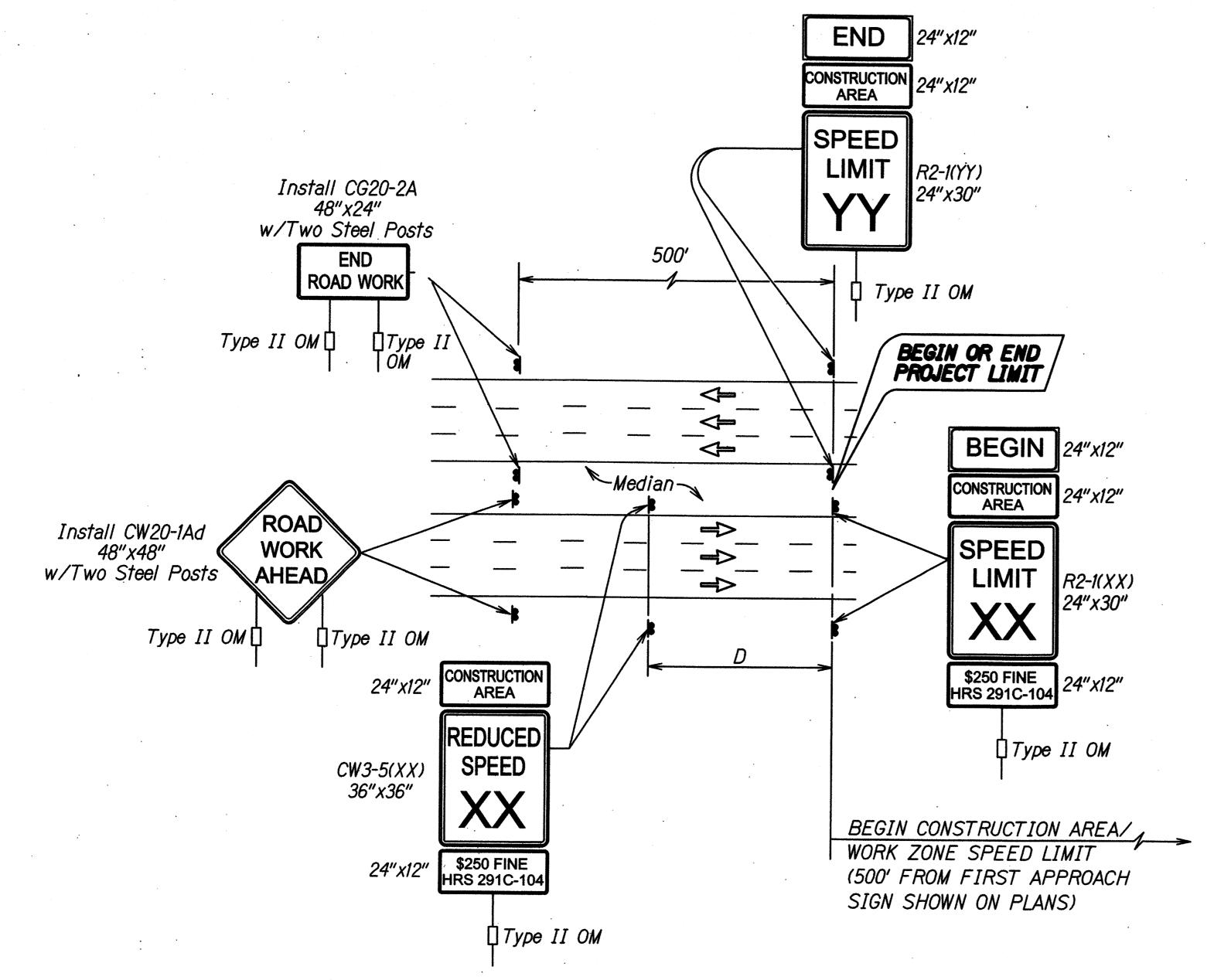
FISCAL YEAR

2016

PROJ. NO.

HWY-O-01-15

FED. ROAD DIST. NO.

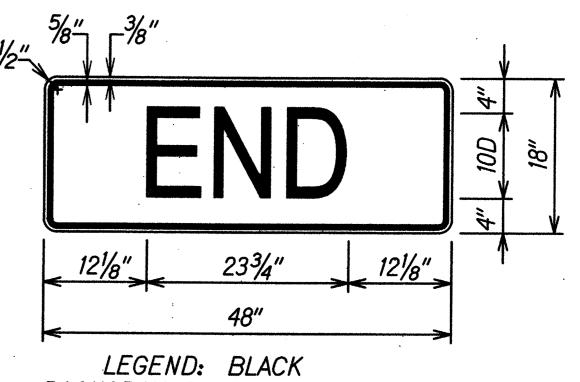


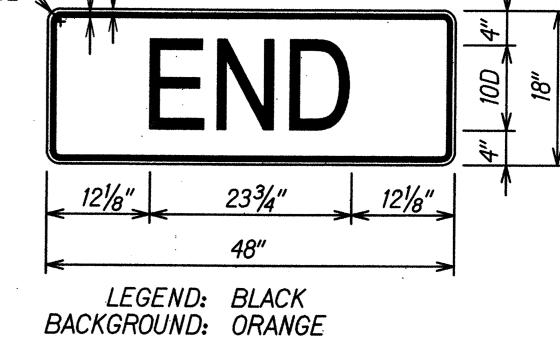
FISCAL SHEET YEAR NO. FED. ROAD DIST. NO. STATE SHEETS PROJ. NO. HWY-O-01-15 2016 31

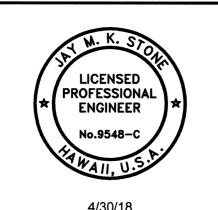
Work Zone Note:

- 1. This Work Zone Sign Plan is intended for use on long-term stationary work zones/construction phases (3 days or more). All work zones or construction phases less than 3 days duration will use Traffic Control Plans shown in Section 645 of the Standard Specifications.
- 2. All existing regulatory speed limit signs with posts within the work zone/project limits shall be removed and replaced with work zone speed limit sign assemblies (R2-1(25) and R2-5b(25) with "CONSTRUCTION AREA" and "\$250 FINE HRS 291C-104" Supplemental Signs).
- 3. Construction sign assemblies shall be installed on both the approaching and trailing ends of each work zone as shown on this plan.
- 4. Each construction warning sign shall have a minimum of two (2) Type II OM. Each work zone speed limit assembly shall have a minimum of one (1) Type II OM. Installation of each Type II OM shall be considered incidental to the various contract items.
- 5. Upon the completion of all physical work or as directed by the Engineer, all construction signs and work zone speed limit assemblies shall be removed. All speed limit signs and posts that were existing at the start of the project within the work zone/project imits shall be restored back to their original locations and configurations.
- 6. Placement of construction signs shall not obstruct the path of pedestrians and bicyclists.
- 7. The removal and restoration of existing regulatory speed limit signs with new posts along with the installation, maintenance and removal of work zone speed limit sign assemblies shall be considered incidental to the various contract items.

TABLE 1 GUIDELINE FOR ADVANCE PLACEMENT OF SPEED REDUCTION SIGN R2-5b(XX)-A, CONSTRUCTION AREA SPEED LIMIT		
YY-EXISTING POSTED SPEED LIMIT (MPH)	XX-NEW CONSTRUCTION AREA SPEED LIMIT (MPH)	D-REDUCED SPEED LIMIT SIGN SPACING TO FIRST CONSTRUCTION AREA SPEED LIMIT SIGN (FEET)
<25	EXIST. SPEED LIMIT TO REMAIN	
30	25	100
35	. 25	175
40	30	175







STATE OF HAWAII DEPARTMENT OF TRANSPORTATION LOW SPEED DIVIDED HIGHWAY WORK ZONE SIGNING PLAN, NOTES & DETAILS MISCELLANEOUS PERMANENT BEST MANAGEMENT PRACTICES, PHASE 2A

Project No. HWY-0-01-15 Scale: None Date: April 2016

SHEET No. C-15 OF 22 SHEETS

TYPICAL DETAIL FOR CONSTRUCTION SIGNS ON MULTILANE DIVIDED LOW SPEED HIGHWAY

