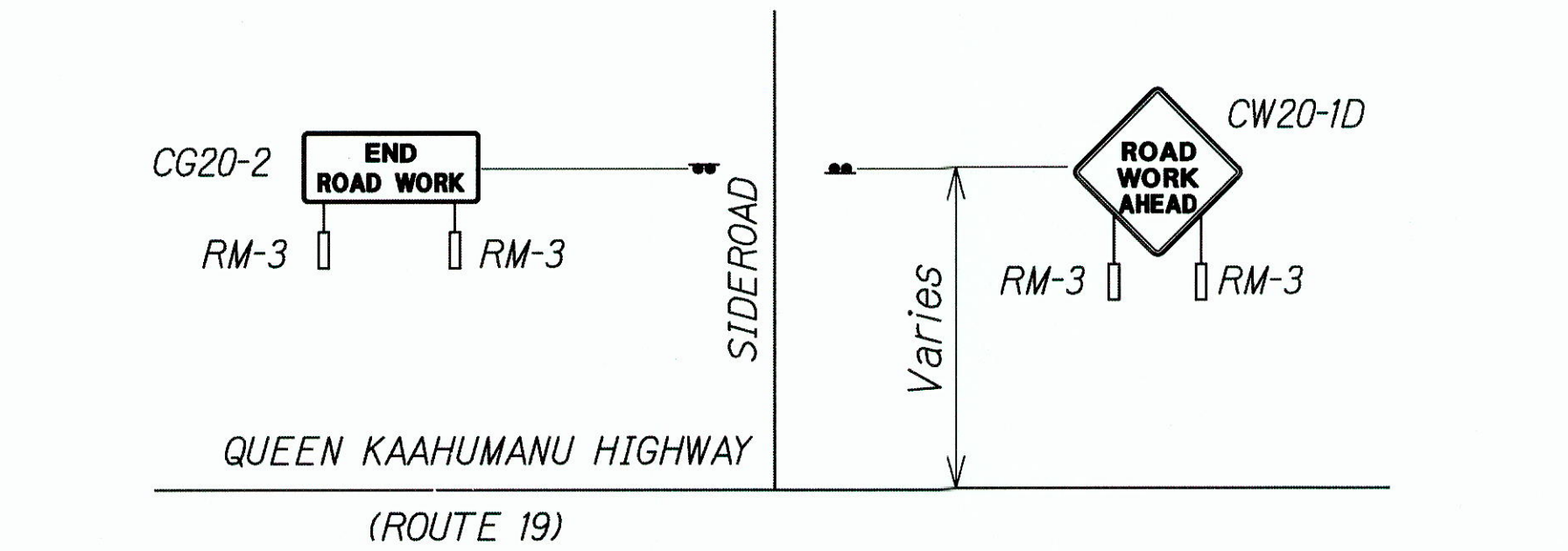


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAWAII	NH-019-1(35)	2004	C.O. 49	70

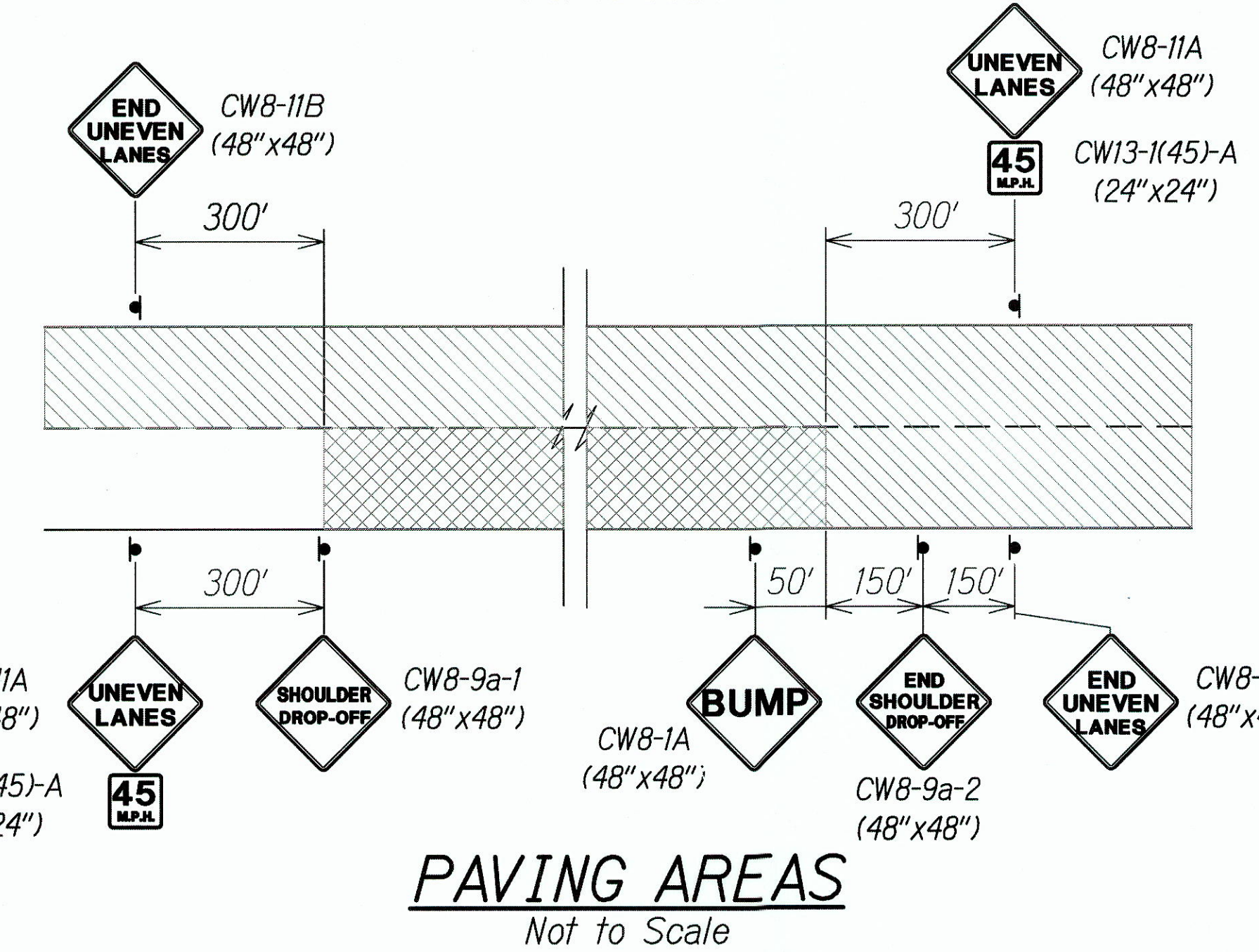
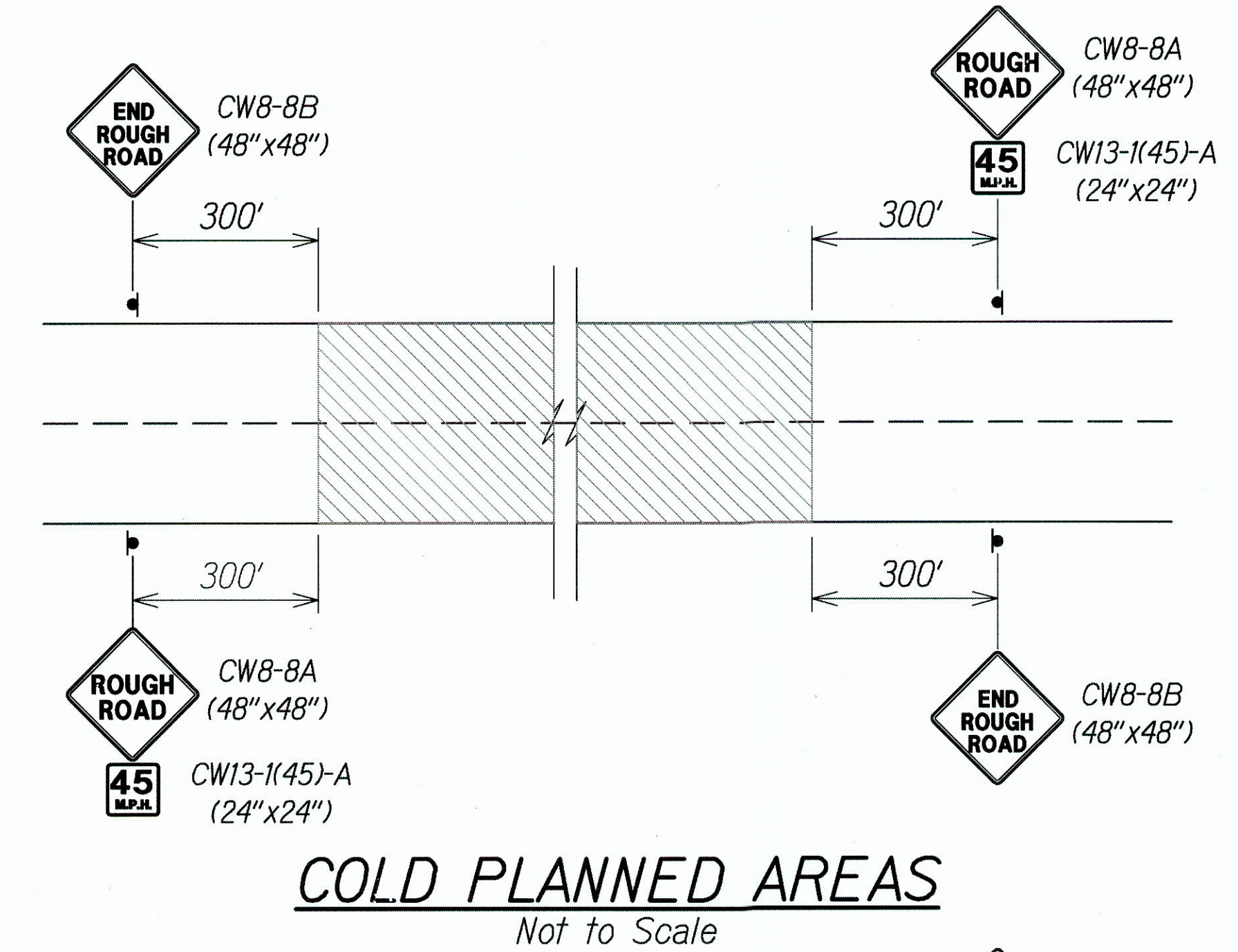
CONSTRUCTION SIGN SCHEDULE				
STATION	LEFT	RIGHT	Item No. 10 621.7120 (two posts)	Item No. 20 621.7000 (w/out post)
250+00		●	CW20-1Ad	
255+00		●	R2-5b(45)	2
258+00		●	R2-1(45)	3
400+80		●	R2-1(55)	2
405+80		●	CG20-2A	
408+80		●	CW20-1Ad	
403+80		●	R2-5b(45)	2
400+80		●	R2-1(45)	3
258+00		●	R2-1(45)	2
253+00		●	CG20-2A	
772+00		●	CW20-1Ad	
777+00		●	R2-5b(45)	2
780+00		●	R2-1(45)	3
835+00		●	R2-1(55)	2
840+00		●	CG20-2A	
843+00	●		CW20-1Ad	
838+00	●		R2-5b(45)	2
835+00	●		R2-1(45)	3
780+00	●		R2-1(45)	2
775+00	●		CG20-2A	
Total Construction Signs			20 10	28 14

- Notes:
- See sheet C-48 for additional "Work Zone" traffic control requirements.
 - Final locations of all signs to be determined in the field by the Engineer.

SURVEY PLOTTED BY	DATE
DESIGNED BY	3/04
QUANTITIES BY	3/04
CHECKED BY	3/04
ORIGINAL PLAN	
NOTE BOOK	
No.	



CONSTRUCTION SIGN PLAN AT SIDEROADS
Not to Scale



- PORTABLE CONSTRUCTION SIGN NOTES:**
- Signs shall conform to Section 712.20 and be installed on portable "Windmaster" stands. Stands shall be securely anchored to prevent tipping during high winds.
 - Payment shall be made at the contract unit price per each under Contract Item No. 621.7121 - Portable Construction Signs. The price includes full compensation for the signs, portable stands, anchoring devices, erecting, removing, and daily relocation of the signs.
 - Signs and portable stands shall be new and become the property of the Contractor upon completion of the project.

PORTABLE CONSTRUCTION SIGN SCHEDULE	
ITEM NO. 621.7121	QUANTITY (Each)
CW8-11A/ CW13-1(45)-A	2
CW8-11B	2
CW8-8A/ CW13-1(45)-A	2
CW8-8B	2
CW8-1A	1
CW8-9a-1	1
CW8-9a-2	1
TOTAL	11

LEGEND FOR AS-BUILT POSTING	
	Squiggly line for as-built deletion
	Double line for as-built deletion
	Roadway Text for as-built posting

	Cold Planned Areas
	Paved Areas

12/30/04	2	Schedule Revised
DATE		REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION		
CONSTRUCTION SIGN PLAN		
QUEEN KAAHUMANU HIGHWAY Resurfacing and Intersection Improvements Federal-Aid Project No. NH-019-1(35) Scale: As Noted Date: March 2004		
SHEET No. C-47 OF 68 SHEETS		

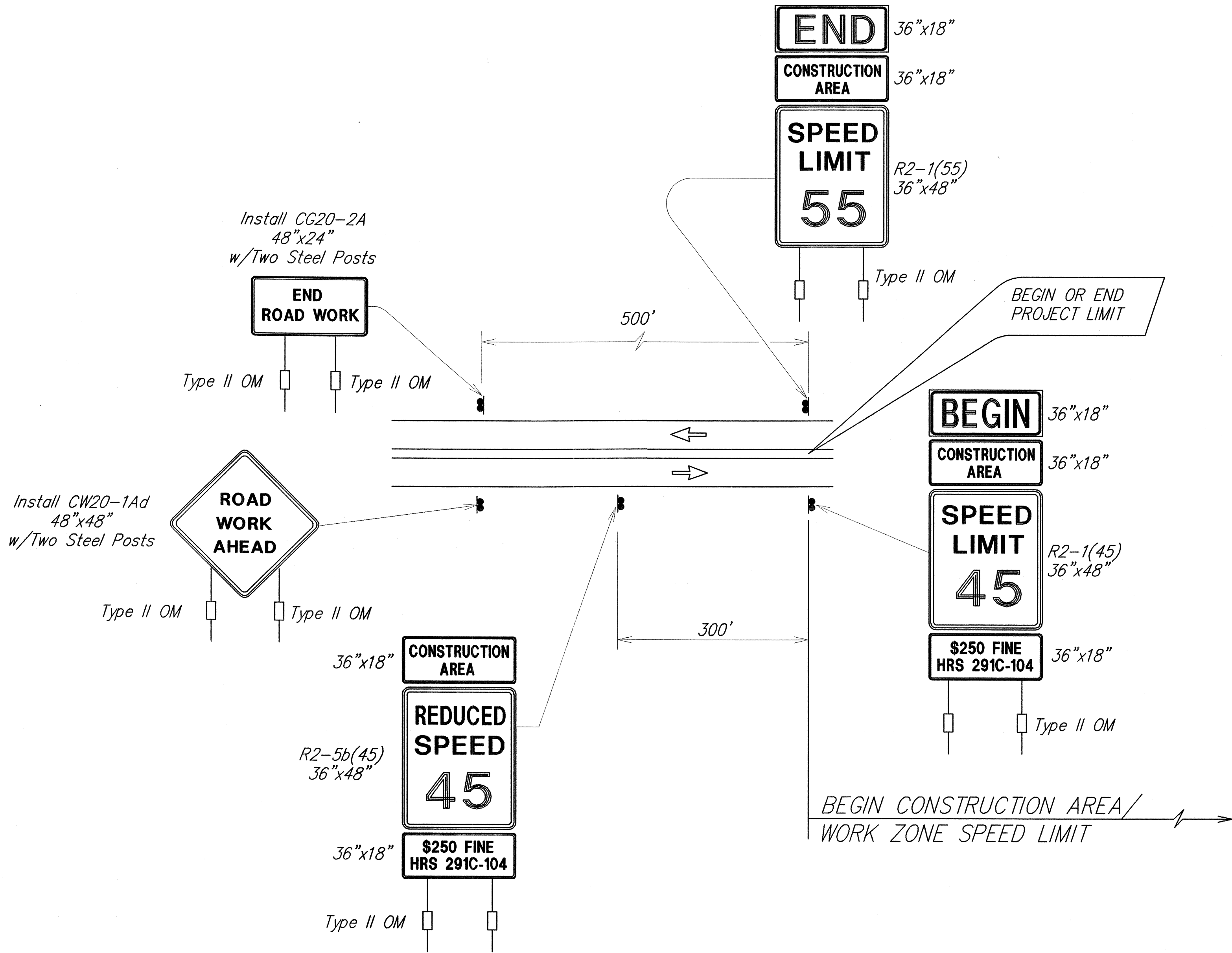


This work was prepared by me or under my supervision
Chad M. McDonald
4/30/2012
MITSUNAGA & ASSOCIATES, INC. EXP. DATE
NOTE: Contractor to check and verify dimensions at job before proceeding with work.

"AS-BUILT"

C.O. 49

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(35)	2004	50	70



TYPICAL DETAIL FOR CONSTRUCTION SIGNS
ON TWO LANE OR MULTILANE UNDIVIDED HIGH SPEED HIGHWAY

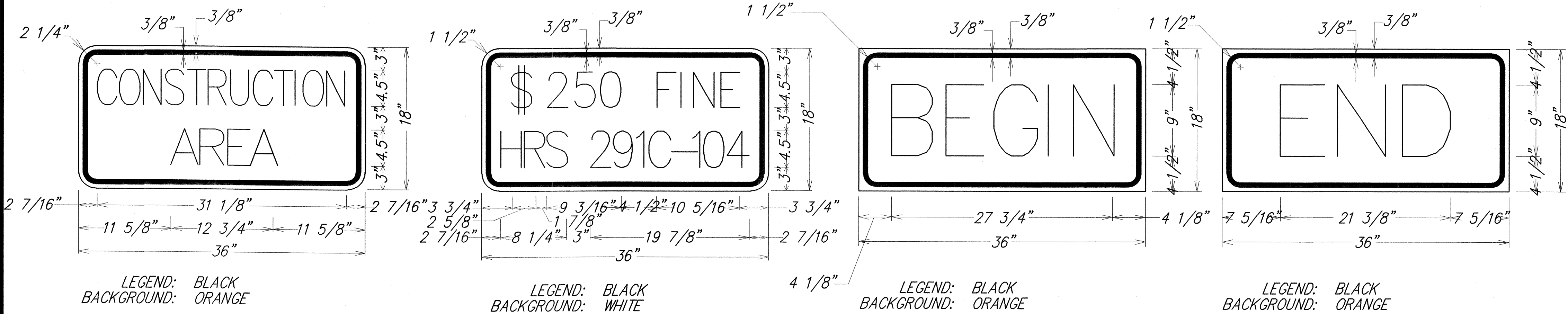
Work Zone Note:

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 Special Provisions.
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(XX) and R2-5b(XX) 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 Item No. 621.7120, Construction Sign with Posts.
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 limits 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 shall be considered incidental to Item No. 621.7120, Construction Sign with Two Posts.
8. The installation, maintenance and removal of work zone speed limit sign assemblies shall be paid for under Item No. 621.7120, Construction Sign with Two Posts.
9. The work zone speed limit signs shall be new and become the property of the Contractor.

Note:

Contractor to provide two (2) sets of signs. One for the Kekaha Kai intersection and one for the Scenic Lookout intersection.

DATE	3/04
SURVEY PLOTTED BY	G. LM
DRAWN BY	G. LM
DESIGNED BY	C. MCDONALD
QUANTITIES BY	C. MCDONALD
CHECKED BY	G. LM
ORIGINAL PLAN	NO.
NOTE BOOK	NO.



STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
WORK ZONE SIGNING PLAN, NOTES AND DETAILS
QUEEN KAAHUMANU HIGHWAY
Resurfacing and Intersection Improvements
Federal-Aid Project No. NH-019-1(35)
Scale: As Noted Date: March 2004
SHEET No. C-48 OF 68 SHEETS