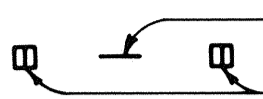

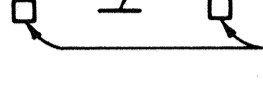


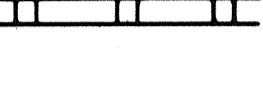


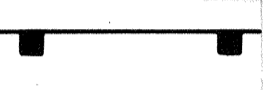

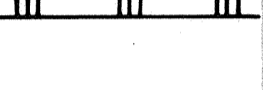
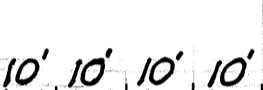


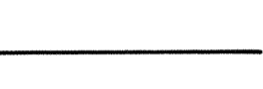


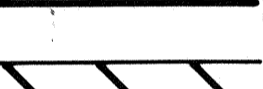







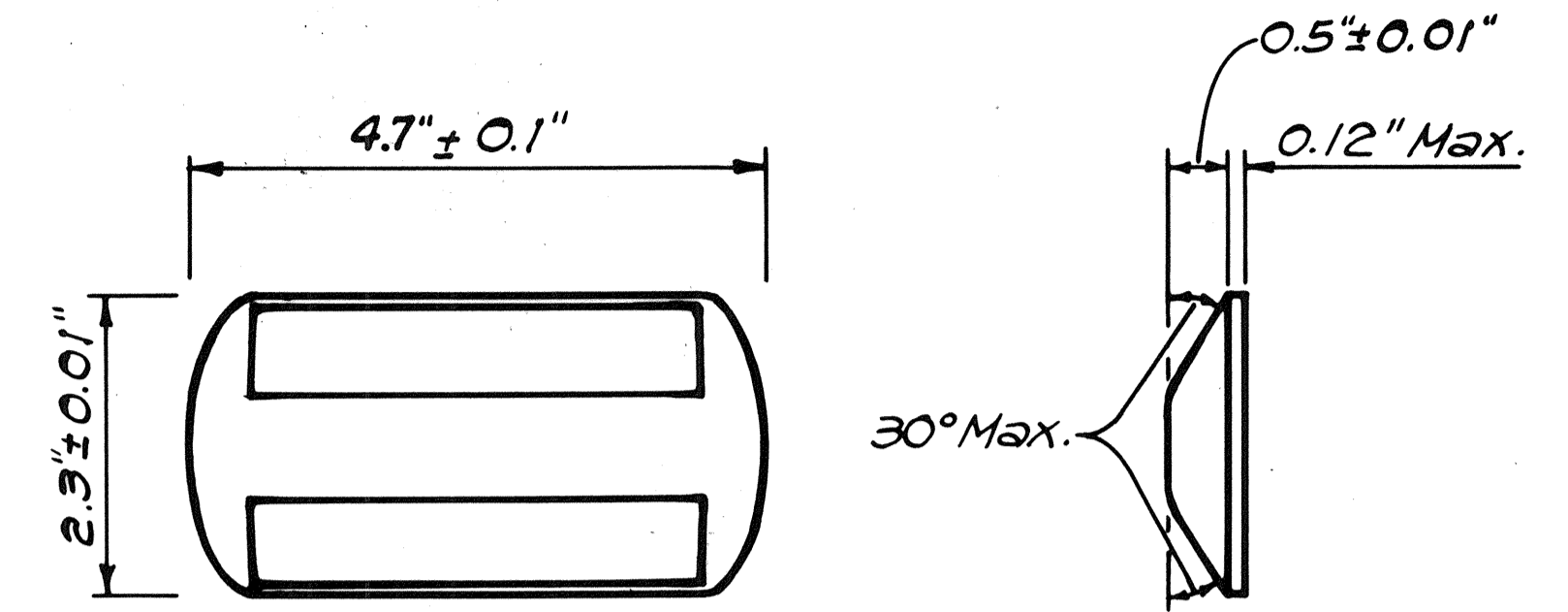
**LEGEND**

-  4 each Type A Raised Pavement Markers
-  Type CL Raised Pavement Markers @ 40'-0" o.c.
-  4 each Type J Raised Pavement Markers
-  Type DL Raised Pavement Markers @ 40'-0" o.c.
-  8" White Stripe with Type CL Raised Pavement Markers @ 20'-0" o.c. (Tape-Type I)
-  4" Double Solid Yellow Stripes with Type DL Raised Pavement Markers @ 20'-0" o.c. (Tape-Type I)
-  4" Double Solid Yellow Stripes with Type HL Raised Pavement Markers @ 20'-0" o.c. (Tape-Type II or Thermoplastic Extrusion)
-  4" Yellow Edge Stripe with Type HL Raised Pavement Markers @ 40'-0" o.c. (Tape-Type II or Thermoplastic Extrusion)
-  4" Double Solid White Stripes with Type CL Raised Pavement Markers @ 20'-0" o.c. (Tape-Type I)
-  Extension of Edge Line, 4" Wide x 2'-0" Long White Stripe @ 10'-0" o.c. w/Type CL Markers @ 40'-0" o.c. (Thermoplastic Extrusion)
-  4" White Edge Stripe (Tape-Type II or Thermoplastic Extrusion)
-  4" White Guide Lines (Thermoplastic Extrusion)
-  Transverse Median Marking (Tape-Type II or Thermoplastic Extrusion)
-  Transverse Shoulder Marking (Tape-Type II or Thermoplastic Extrusion)
-  Channelizing Island or Deceleration Lane Gore (Tape-Type II or Thermoplastic Extrusion)
-  Crosswalk and Stop Line. All Stop Lines shall be 10'-0" from Crosswalk unless otherwise noted. The circled number indicates the number of lanes for payment. (Thermoplastic Extrusion)
-  Pavement Arrow (Tape-Type I)
-  STOP Pavement Word (Tape-Type I)
-  12" White Stop Line (Thermoplastic Extrusion)
-  4 each Type J Raised Pavement Markers
-  Type DL Raised Pavement Markers @ 40'-0" o.c.
-  Type HL Raised Pavement Markers (Reflective Surface facing no-passing direction)
-  4" Single Solid Yellow Stripe (Tape-Type I)

**NOTES**

1. Layout of pavement markings and striping shall be done by the Contractor and approved by the Engineer prior to any installation work.
2. Existing pavement markings not incorporated in the final traffic pattern shall be removed as directed by the Engineer. Costs shall be incidental to the various pavement marking items, except crosswalk markings, pavement arrows, and stop lines as specified in the proposal.
3. Raised pavement markers shall not be installed within crosswalks.
4. Details of Type C, Type D and Type H Markers on Standard Plan Nos. TE-30, TE-31 and TE-32 shall be deleted and replaced with details of Type CL, Type DL and Type HL Markers as shown on this sheet. All references to Type C, Type D and Type H Markers in the plans shall mean Type CL, Type DL and Type HL Markers.
5. Final locations of all signs shall be approved by the Engineer prior to any installation work.
6. Existing signs not shown on these plans shall remain as posted unless otherwise directed by the Engineer. Removal and disposal of existing signs and/or posts as designated on these plans shall be incidental to the various signing items.
7. Final locations of all Stop Lines shall be approved by the Engineer prior to installation.
8. All pavement striping shall be as noted on the Legend or Plans.
9. Existing signs that are to be replaced, shall not be removed until new signs are installed as replacements, or the messages are no longer necessary.
10. Backing for all new Regulatory and Warning Signs shall not be spliced.
11. All preformed pavement marking tapes over existing pavement shall be applied with an approved primer as recommended by the tape manufacturer and as directed by the Engineer. The primer shall be allowed to dry to the tacky stage prior to tape application.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HES-063-1(18)	1989	8	13



**TYPE CL**  
Red-Clear Reflective Marker  
or  
**TYPE DL**  
Two-Way Yellow Reflective Marker  
or  
**TYPE HL**  
One-Way Yellow Reflective Marker  
Not to Scale

DATE	.....
SURVEY PLOTTED BY	.....
DRAWN BY	.....
TRACED BY	.....
DESIGNED BY	.....
CHECKED BY	.....
NO.	.....

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**PAVEMENT MARKING  
LEGEND, NOTES, & DETAIL**

LIKELIKE HIGHWAY  
INTERSECTION IMPROVEMENTS @ N. SCHOOL ST.  
F.A.P. NO. HES-063-1(18)

Scale: As Shown      Date: Jan. 1989

SHEET No. 1 OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HES-063-1(18)	1989	9	13

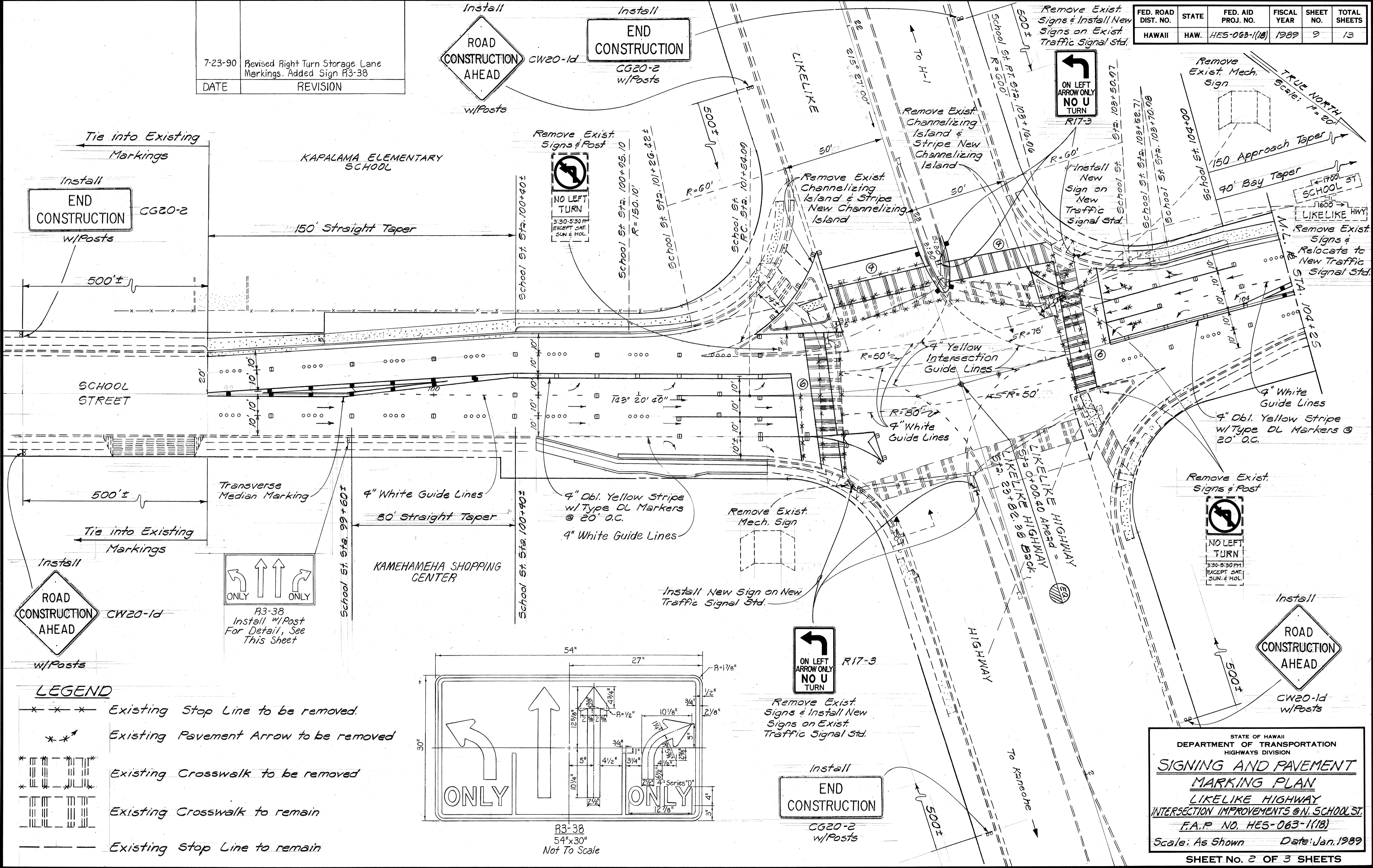
7-23-90  
 DATE REVISION  
 Revised Right Turn Storage Lane Markings. Added Sign R3-38

Install  
**ROAD CONSTRUCTION AHEAD**  
 CW20-1d  
 w/Posts

Install  
**END CONSTRUCTION**  
 CG20-2  
 w/Posts

Remove Exist. Signs & Install New Signs on Exist. Traffic Signal Std.  
**ON LEFT ARROW ONLY NO U TURN**  
 R17-3

Remove Exist. Mech. Sign  
 TRUE NORTH Scale: 1" = 20'

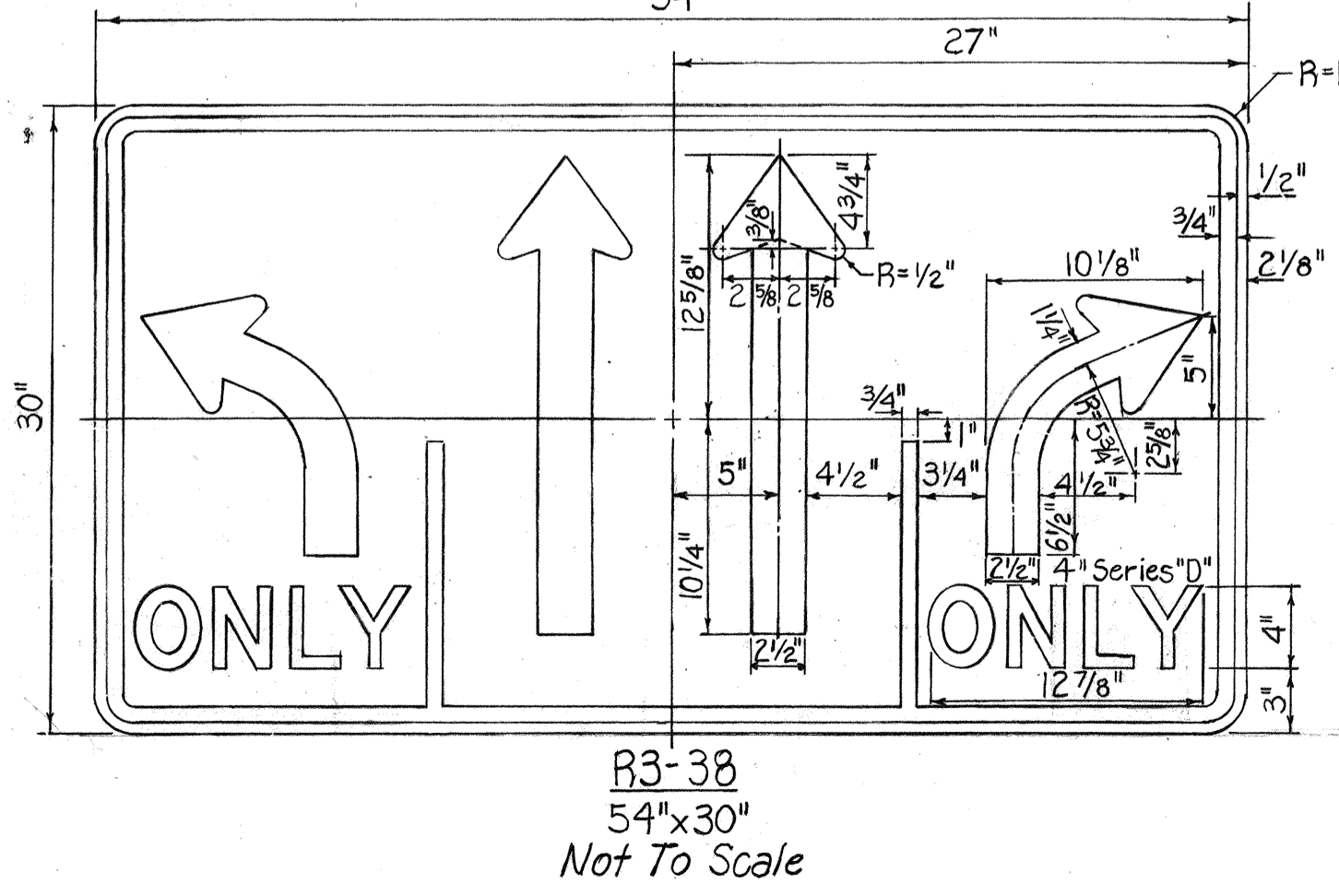


Install  
**ROAD CONSTRUCTION AHEAD**  
 CW20-1d  
 w/Posts

R3-38  
 Install w/Post  
 For Detail, See  
 This Sheet

**LEGEND**

- Existing Stop Line to be removed.
- Existing Pavement Arrow to be removed
- Existing Crosswalk to be removed
- Existing Crosswalk to remain
- Existing Stop Line to remain



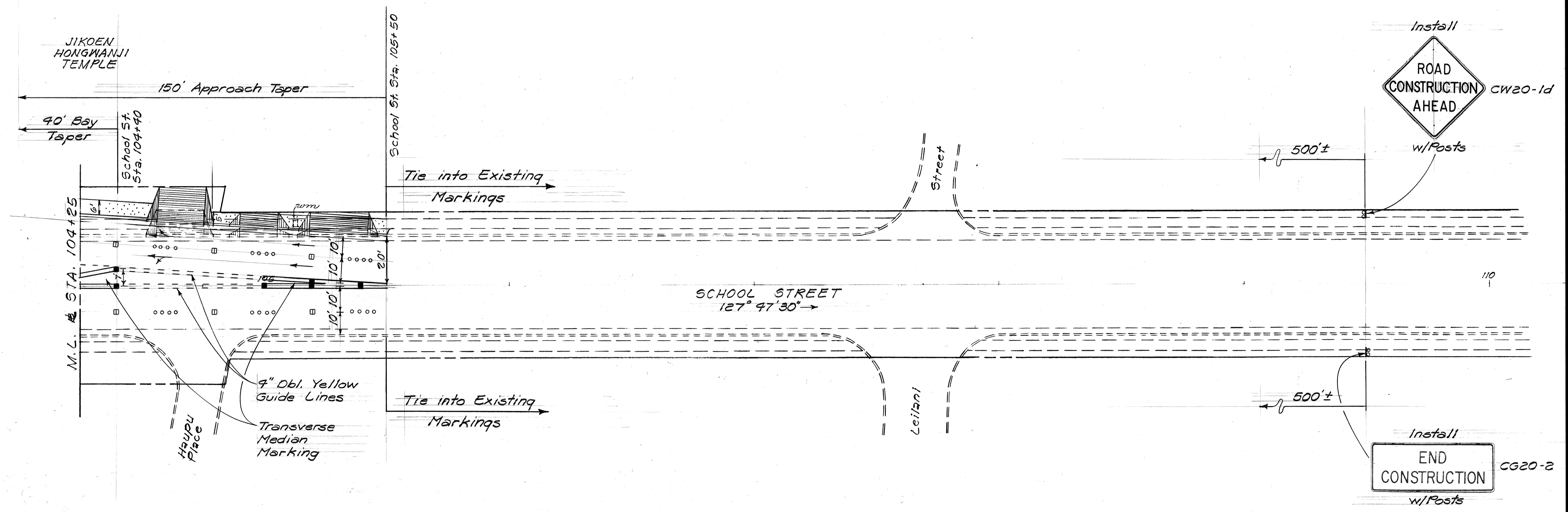
Remove Exist. Signs & Install New Signs on Exist. Traffic Signal Std.  
**ON LEFT ARROW ONLY NO U TURN**  
 R17-3

Install  
**END CONSTRUCTION**  
 CG20-2  
 w/Posts

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION  
**SIGNING AND PAVEMENT MARKING PLAN**  
 LIKELIKE HIGHWAY  
 INTERSECTION IMPROVEMENTS @ N. SCHOOL ST.  
 F.A.P. NO. HES-063-1(18)  
 Scale: As Shown Date: Jan. 1989  
 SHEET NO. 2 OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HES-063-1(18)	1989	10	13

TRUE NORTH  
Scale: 1"=20'



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

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SIGNING AND PAVEMENT  
MARKING PLAN**

LIKELIKE HIGHWAY  
INTERSECTION IMPROVEMENTS @ N. SCHOOL ST.  
F.A.P. NO. HES-063-1(18)  
Scale: As Shown Date: Jan. 1989

SHEET NO. 3 OF 3 SHEETS

HES-063-1(18) 10'