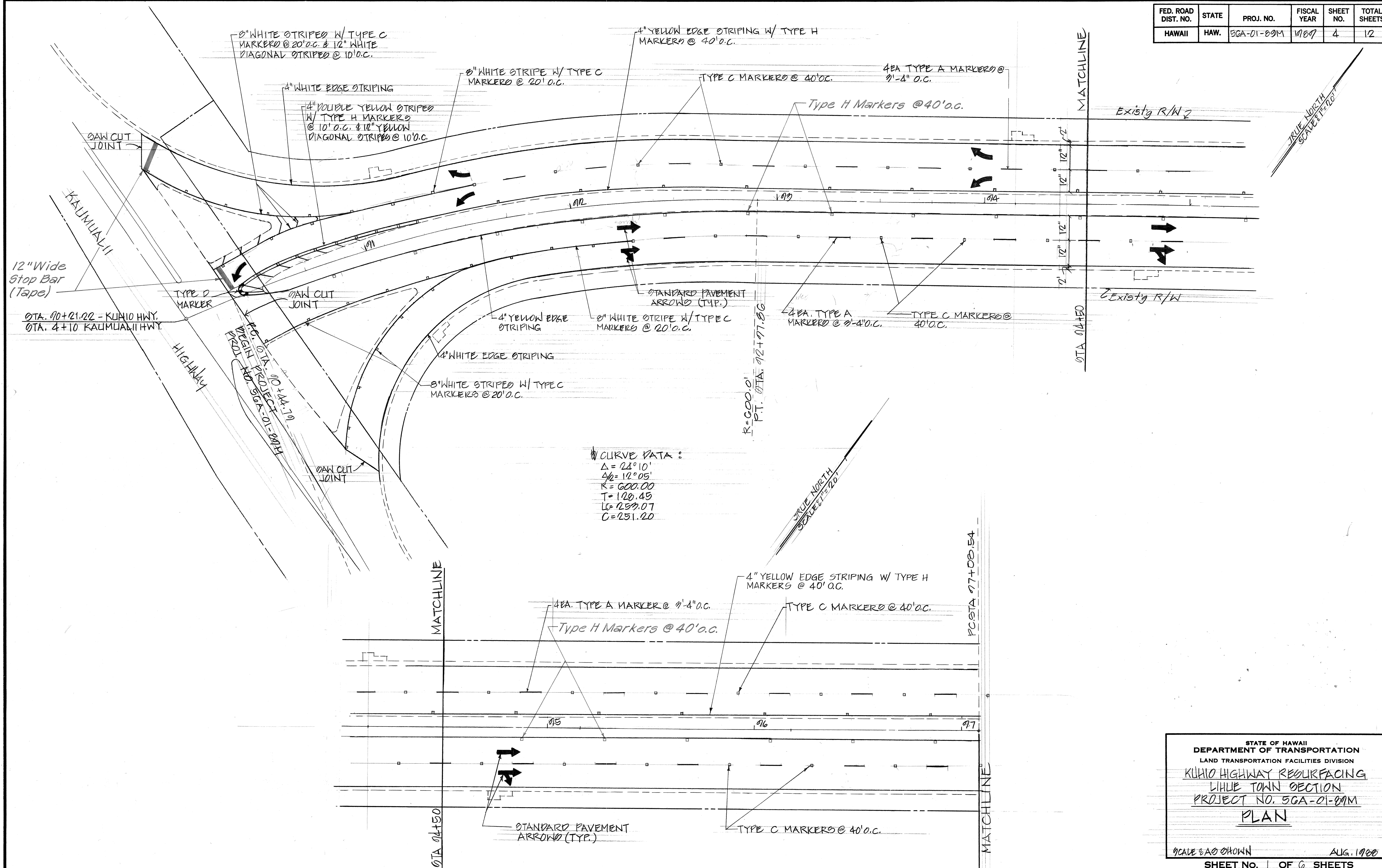


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	50A-01-89M	1989	4	12



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

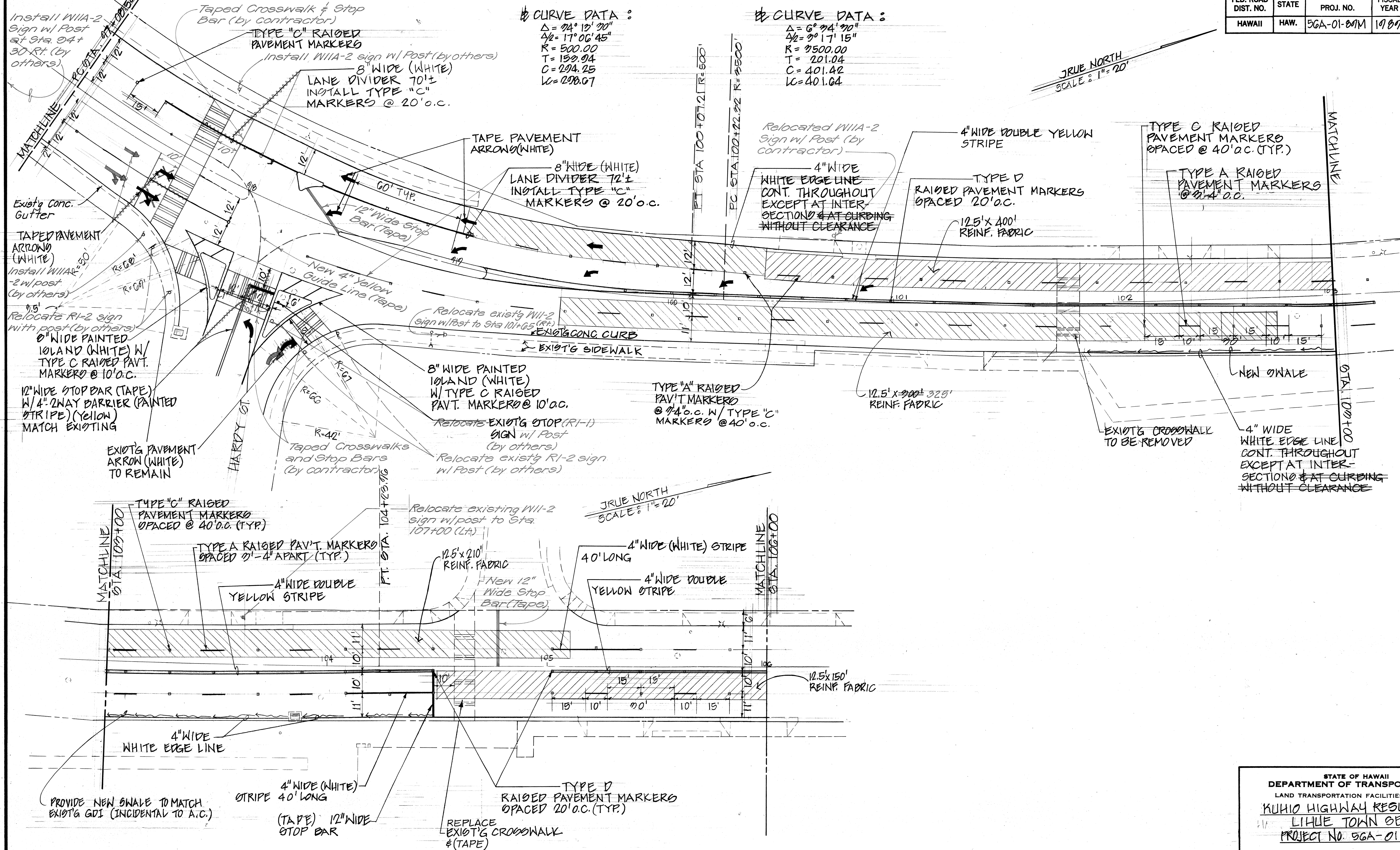
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION
KUHIO HIGHWAY RESURFACING
LITTLE TOWN SECTION
PROJECT NO. 5GA-01-09M
PLAN

SCALE 3/4" = 1' SHOWN

AUG. 1988

SHEET NO. 1 OF 6 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56A-01-89M	1989	5	12

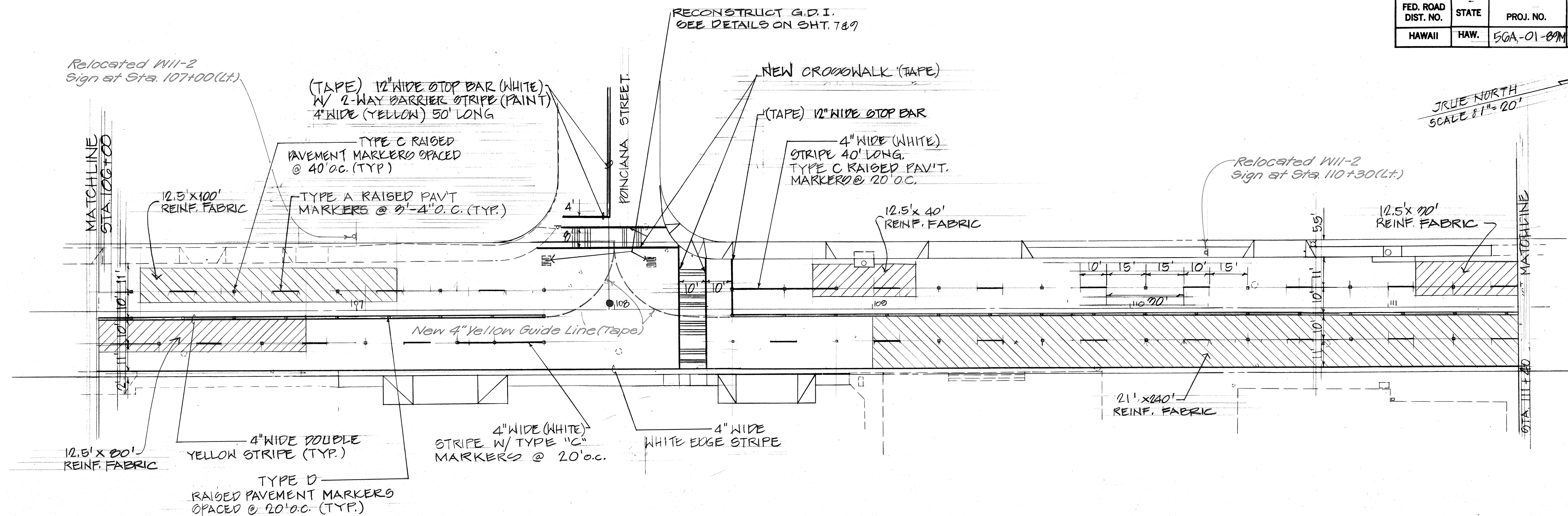


STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION
KUHIO HIGHWAY RESURFACING
LIHUE TOWN SECTION
PROJECT NO. 56A-01-89M

PLAN

SCALE: AS SHOWN JULY 1988
SHEET NO. 2 OF 6 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56A-01-89M	1989	6	12



STA. 107+44.79 TO STA. 113+70

EST. QUANT.		
ROADWAY EXCAVATION	=	8.1
REINFORCING FABRIC	=	5,777.2Y. 5811.9
GG-1 TACK COAT	=	22,416 Gal.
AC. PAV'T MIX IV	=	1,914 Tons. 2,090.0
STRIPING (PAINT)	=	91.77 Gal.
41 (Yellow 77gal. & White 4gal.)		
STOP LINES (Tape)	=	442 L.F. 475.3
STD. PAV'T ARROWS (TAPE)	=	40 Ea. 45
34 (Single 40 Ea. & Double 10 Ea.)		
CROSSWALKS (TAPE)	=	26 LANES 36
TYPE A PAV'T MARKERS	=	560 Ea. 528
TYPE C PAV'T MARKERS	=	288 Ea. 282
TYPE D PAV'T MARKERS	=	136 Ea. 151
TYPE H PAV'T MARKERS	=	94 Ea. 107
RECONSTRUCTED GRATED	=	2 Ea.
DROP INLET		
RELOCATE WARNING SIGN	=	7 Ea.
(W11A-2) w/ Post		
ADJUST MANHOLE COVERS	=	21 Ea.
ADJUST VALVE COVERS	=	47 Ea. 20

ADJUST MANHOLE AND VALVE BOX FRAMES AND COVERS TO NEW FINISH GRADE AT THE FOLLOWING LOCATIONS:

STA. 97+99 (RT.)	W. VALVE	STA. 116+79 (RT.)	W. VALVE
STA. 98+92 (RT.)	SMH	STA. 117+50 (LT.)	SMH
STA. 99+02 (LT.)	SMH	STA. 117+05 (RT.)	W. VALVE
STA. 101+00 (RT.)	SMH	STA. 117+07 (RT.)	W. VALVE
STA. 101+10 (LT.)	SMH	STA. 119+70 (RT.)	W. VALVE
STA. 101+10 (LT.)	W. VALVE	STA. 121+00 (LT.)	SMH
STA. 101+15 (LT.)	SMH	STA. 122+50 (RT.)	W. VALVE
STA. 101+15 (LT.)	W. VALVE	STA. 128+00 (LT.)	SMH
STA. 101+97 (RT.)	SMH	STA. 129+90 (RT.)	W. VALVE
STA. 102+09 (RT.)	SMH	STA. 129+50 (LT.)	W. VALVE
STA. 104+00 (LT.)	SMH	STA. 129+50 (LT.)	SMH
STA. 105+40 (LT.)	SMH	STA. 129+58 (RT.)	W. VALVE
STA. 105+05 (LT.)	W. VALVE	STA. 130+90 (RT.)	W. VALVE
STA. 107+05 (LT.)	W. VALVE	STA. 132+50 (LT.)	SMH
STA. 107+09 (LT.)	W. VALVE	STA. 133+10 (RT.)	W. VALVE
STA. 108+00 (LT.)	W. VALVE	STA. 133+30 (RT.)	W. VALVE
STA. 108+00 (LT.)	SMH	STA. 133+40 (RT.)	W. VALVE
STA. 108+15 (LT.)	W. VALVE	STA. 133+50 (RT.)	W. VALVE
STA. 108+25 (LT.)	W. VALVE		
STA. 109+07 (RT.)	W. VALVE		
STA. 110+50 (RT.)	W. VALVE		
STA. 110+50 (LT.)	SMH		
STA. 112+09 (LT.)	SMH		
STA. 113+30 (RT.)	WMH		
STA. 114+00 (RT.)	WMH		
STA. 114+20 (LT.)	SMH		
STA. 114+91 (LT.)	SMH		
STA. 114+92 (RT.)	W. VALVE		
STA. 114+99 (RT.)	W. VALVE		

SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
No.	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

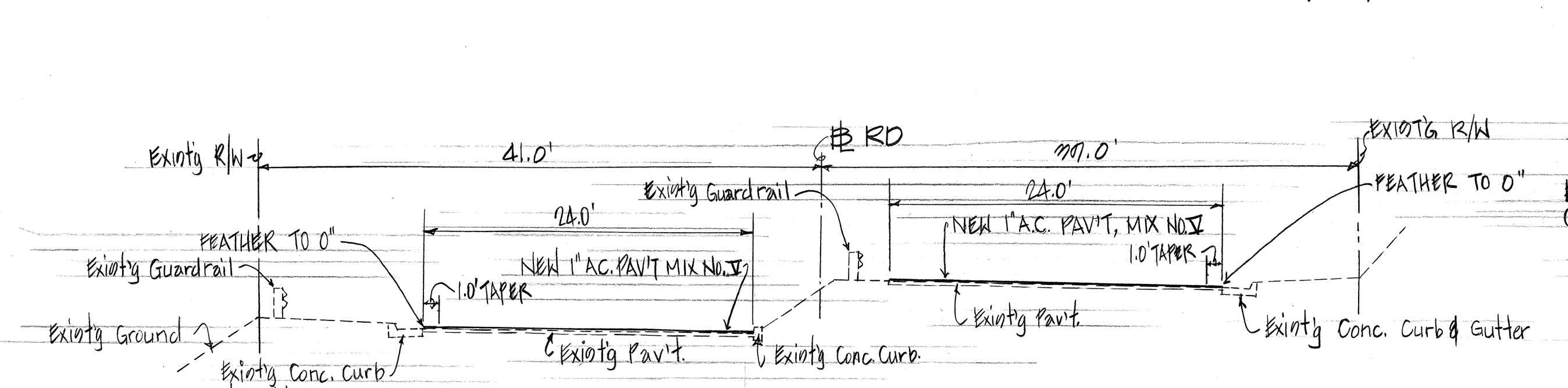
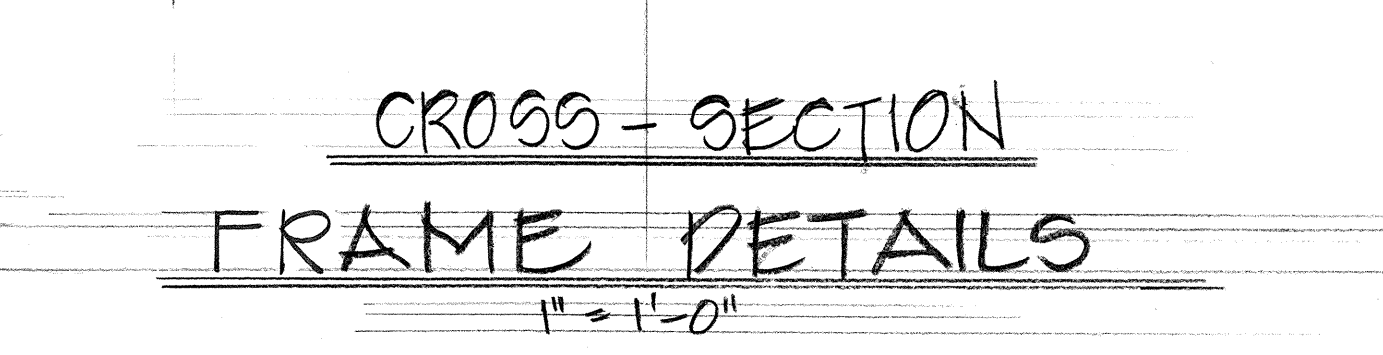
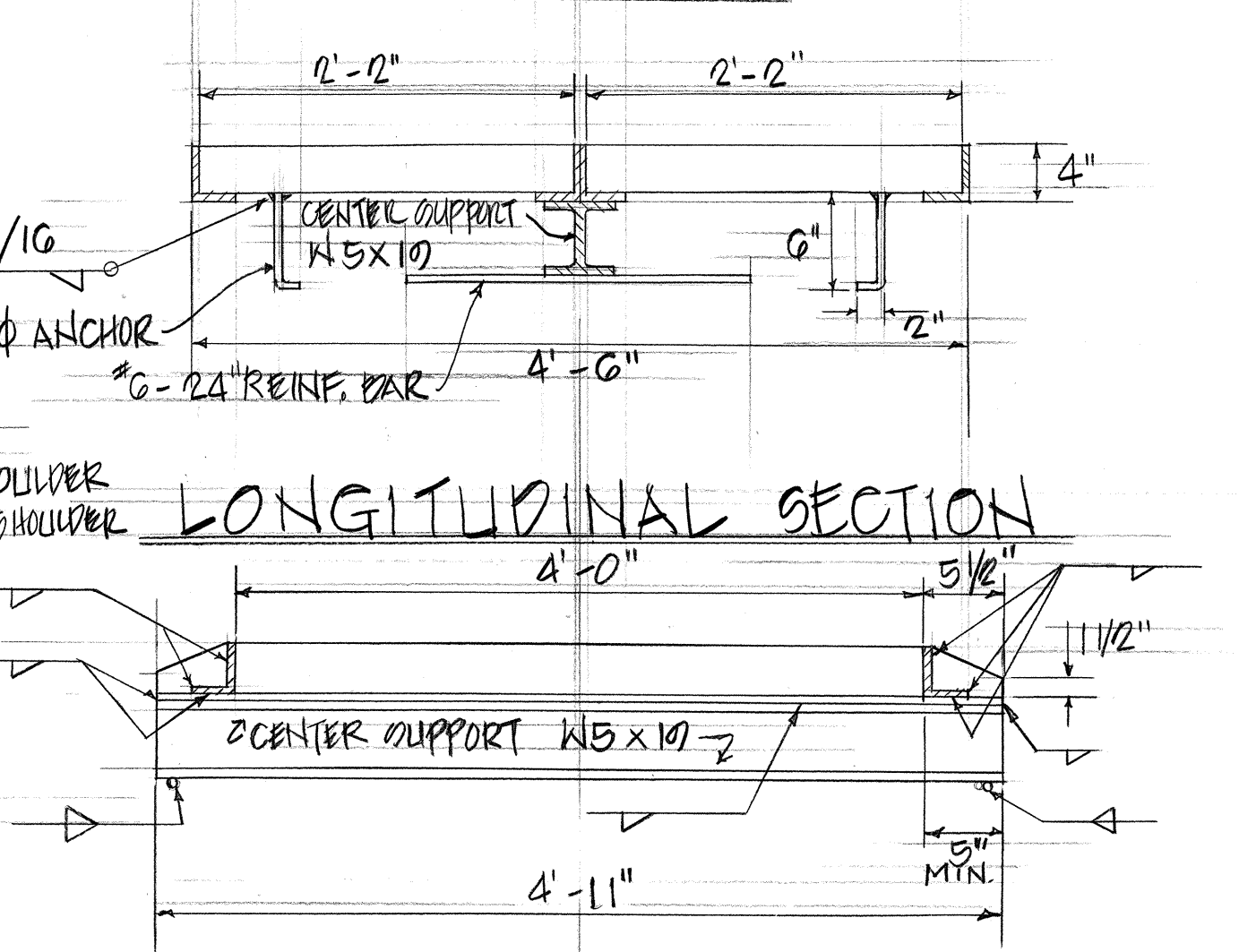
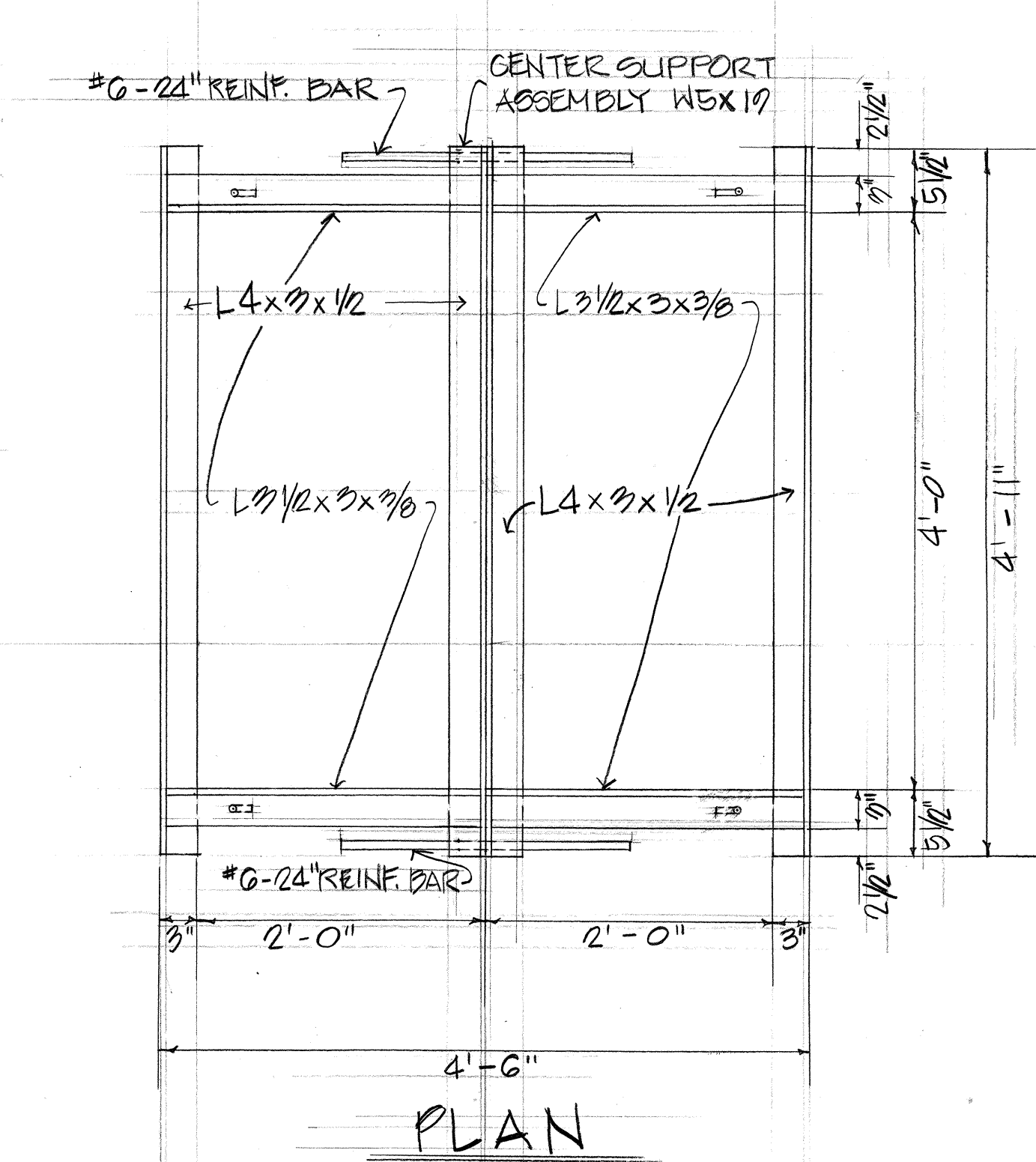
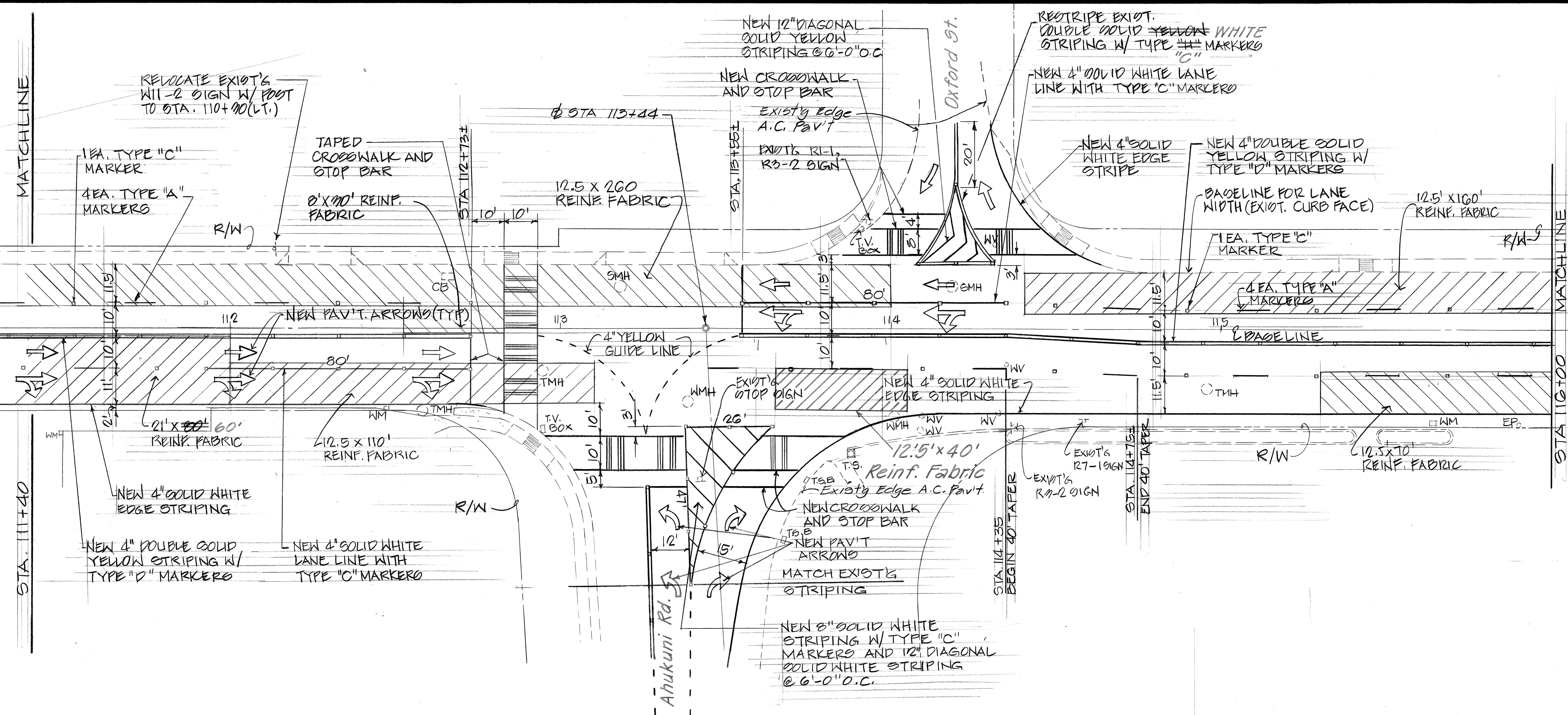
KUHIO HIGHWAY RESURFACING
LIHUE TOWN SECTION
PROJECT NO. 56A-01-89M

PLAN

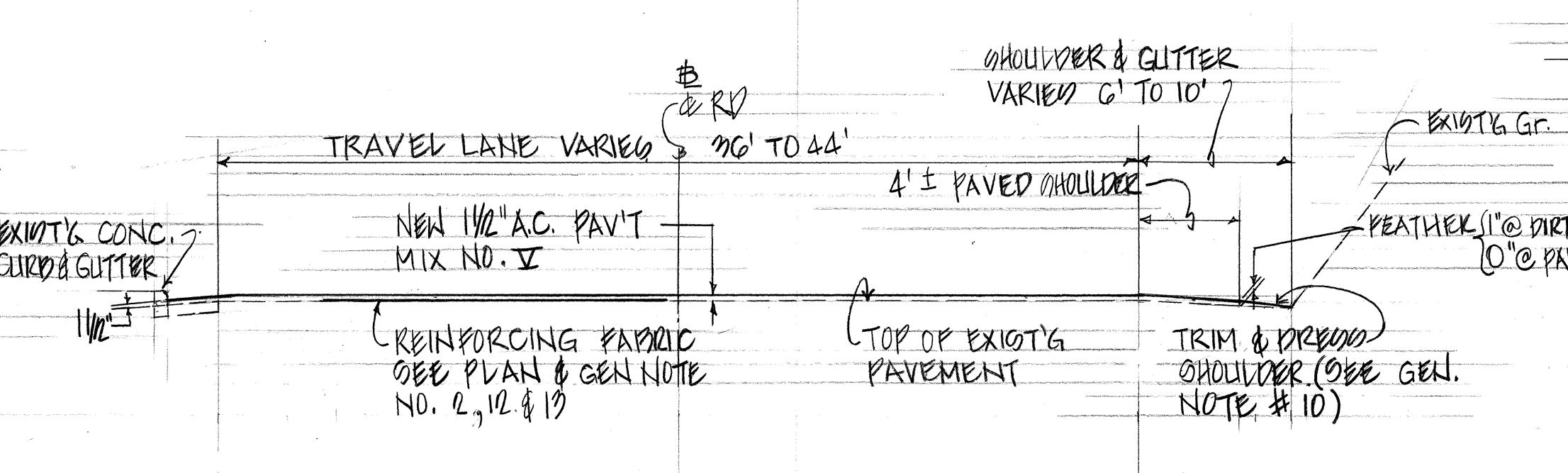
SCALE: AS SHOWN JULY 1988

SHEET NO. 6 OF 6 SHEETS

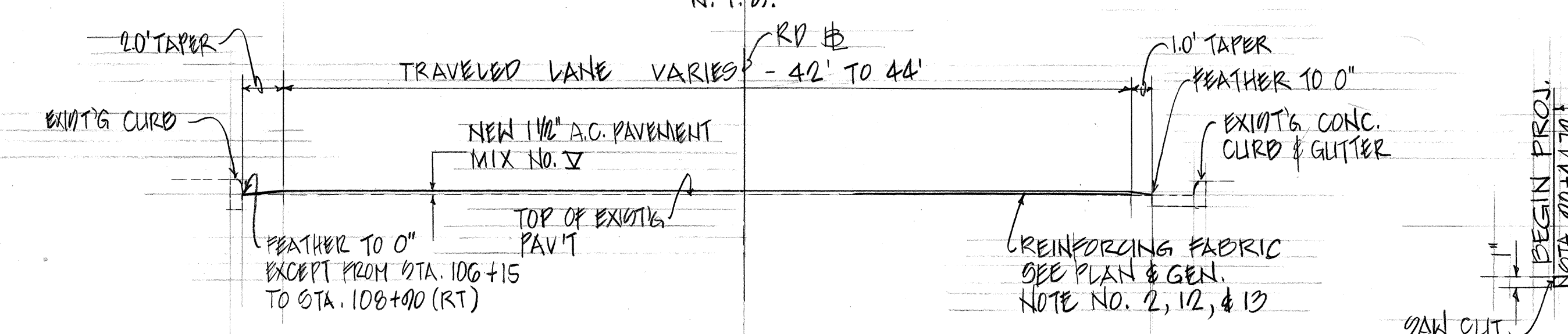
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	5GA-01-807M	1987	7	12



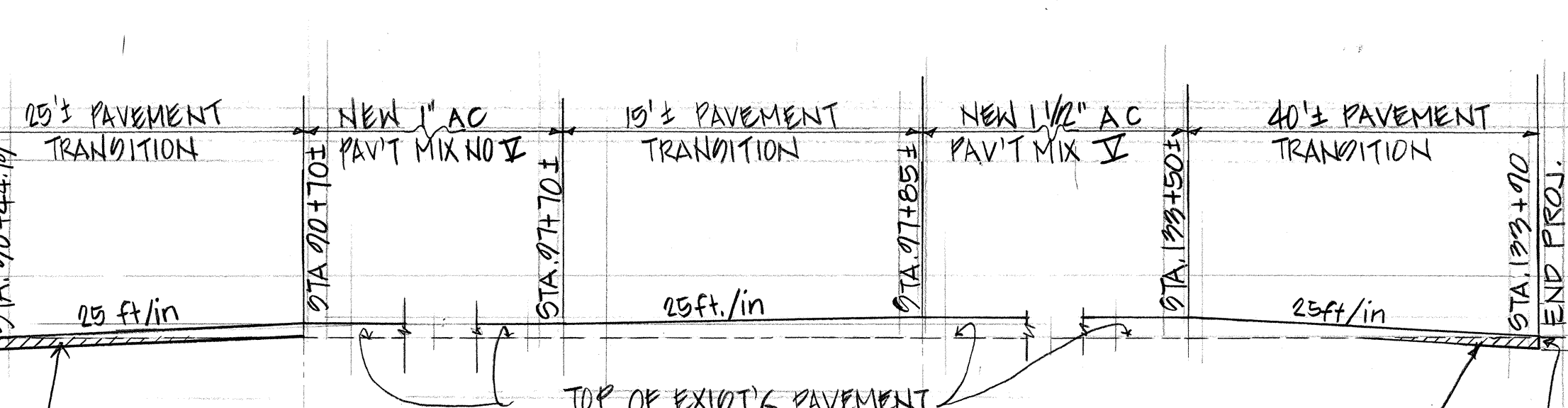
TYPICAL ROADWAY SECTION
STA. 90+44.79 TO STA 97+70



TYPICAL ROADWAY SECTION
STA. 117+50 TO STA 133+00
N.T. 6



TYPICAL ROADWAY SECTION
STA. 97+70 TO STA. 117+50
N. T. &.



COLD PLANE EXIST'G A.C. PAV'T
0" TO NEW RESURFACING COURSE
THICKNESS (INCIDENTAL TO NEW A.C. PAV'T)

COLD PLANE EXIST'G A.C. PAV'T
0" TO NEW RESURFACING COURSE
THICKNESS (INCIDENTAL TO NEW A.C. PAV'T)

LONGITUDINAL SECTION OF PAVEMENT TRANSITIONS AT BEGIN PROJECT,
STA. 77+85 AND END PROJECT
N. T. D.

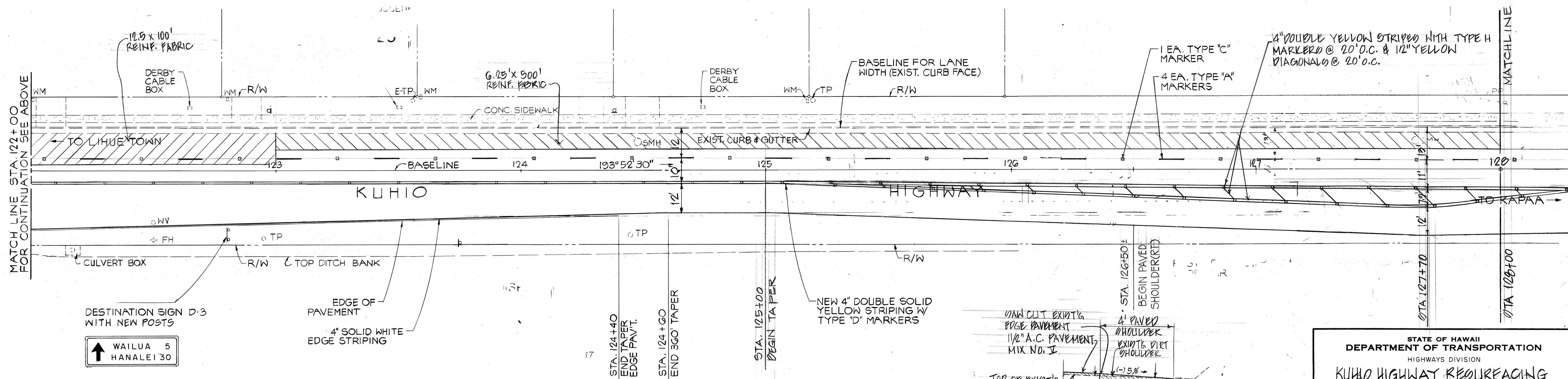
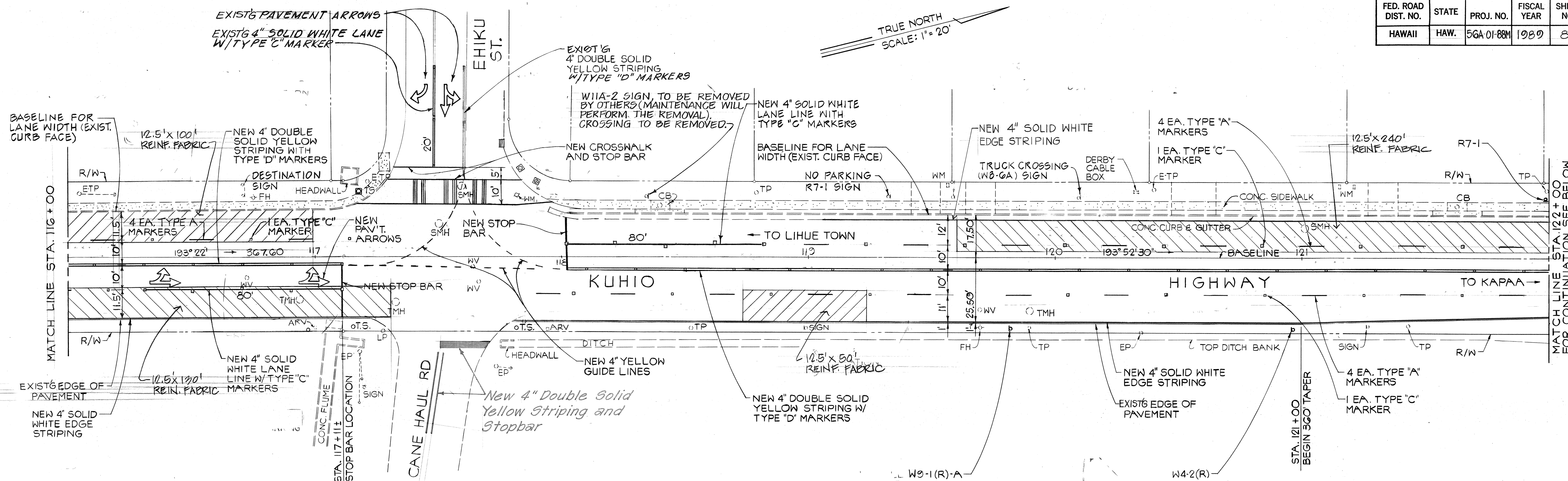
ORIGINAL PLAN	SURVEY PLOTTED BY _____		DATE _____	
	DRAWN BY _____		_____	
NOTE BOOK	TRACED BY _____		_____	
	DESIGNED BY _____		_____	
	QUANTITIES BY _____		_____	
No. _____	CHECKED BY _____		_____	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION
KUHIO HIGHWAY RESURFACING
LIHUE TOWN SECTION
PROJECT NO. 56A-01-89M

PLAN

SCALE: AS SHOWN
AUG. 1988
SHEET NO. 4 OF 6 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56A-01-88M	1989	8	12



TYPICAL PAVED SHOULDER DETAIL
STA. 126+50 TO STA. 127+00(±) BT.
N.T.S.

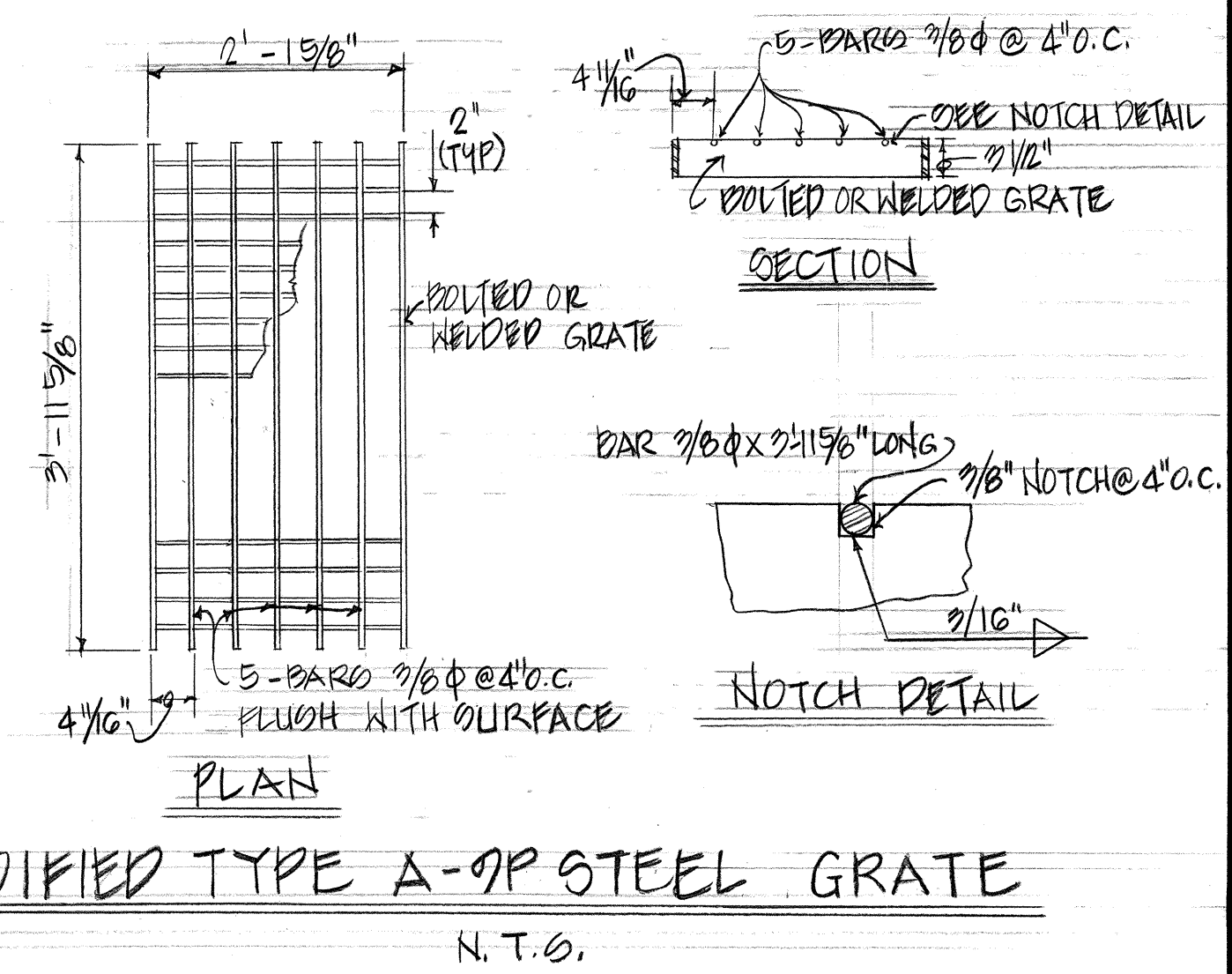
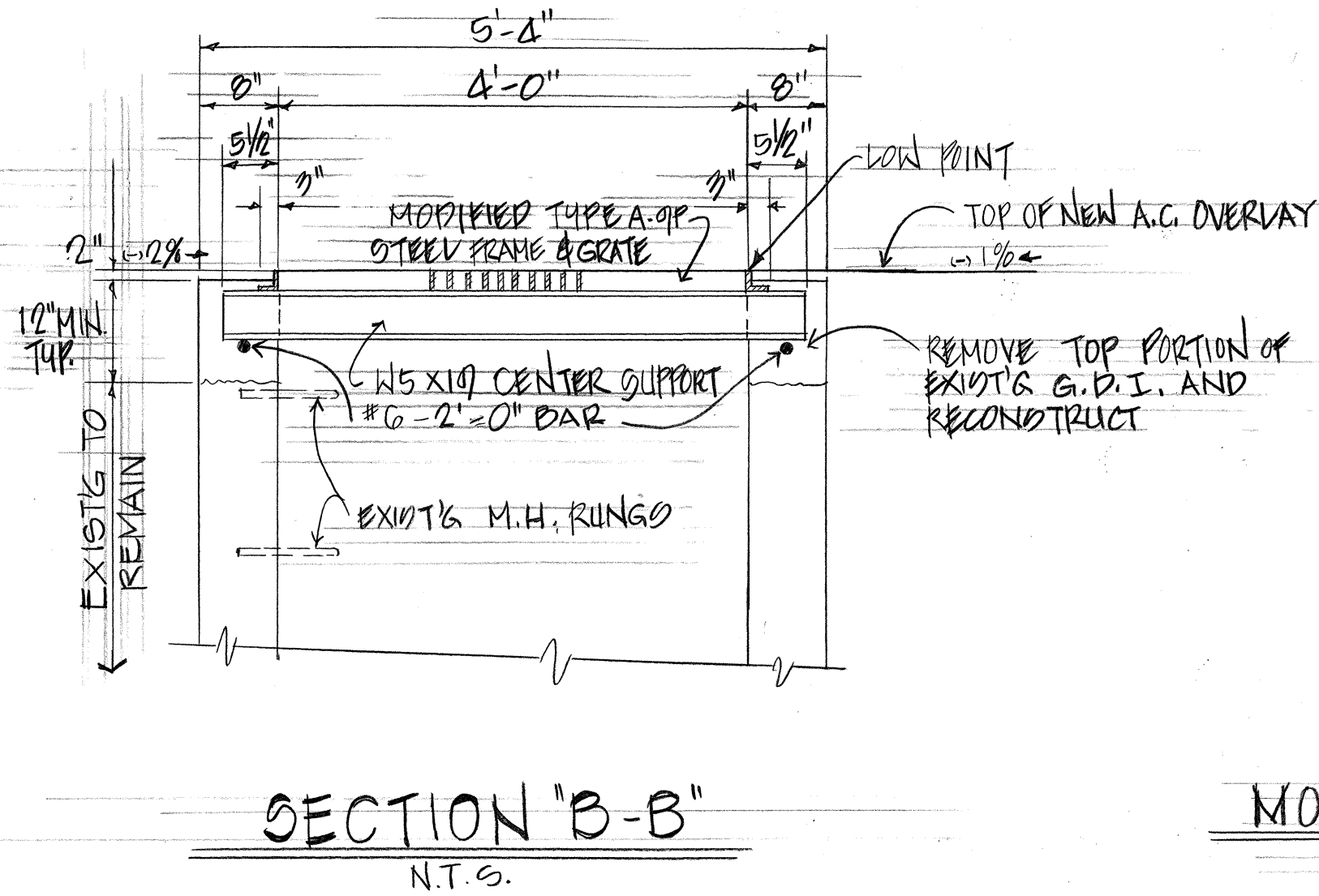
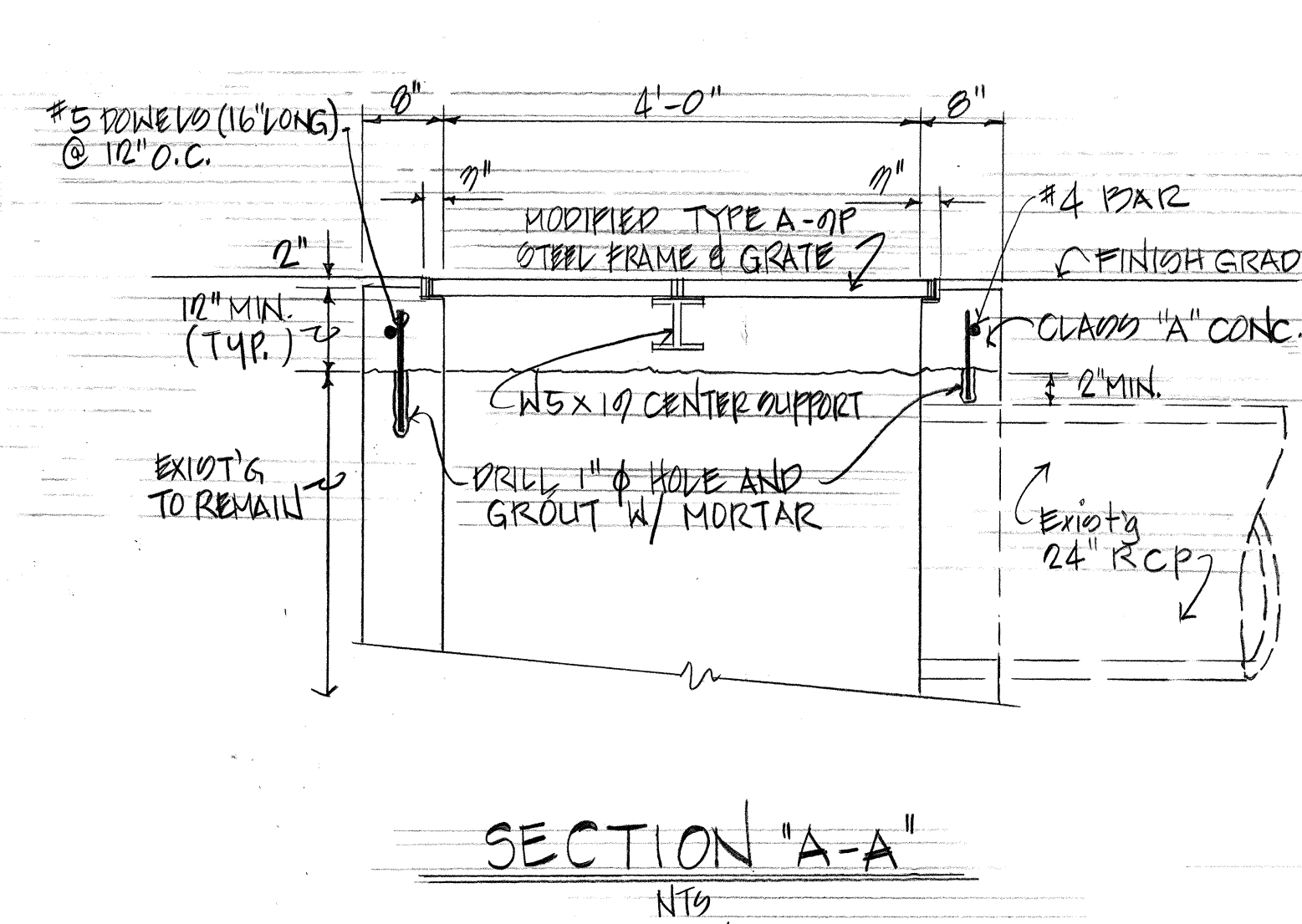
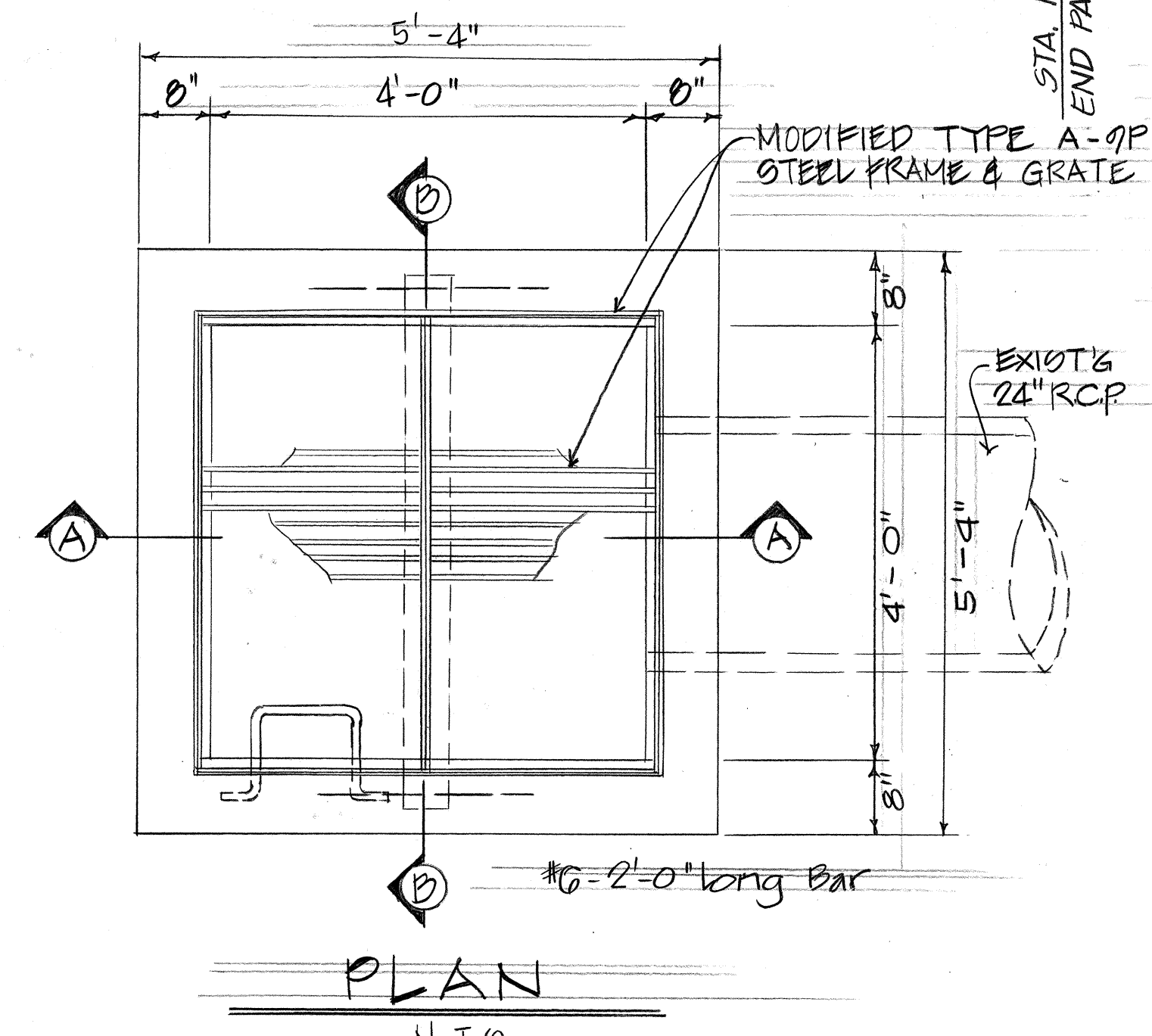
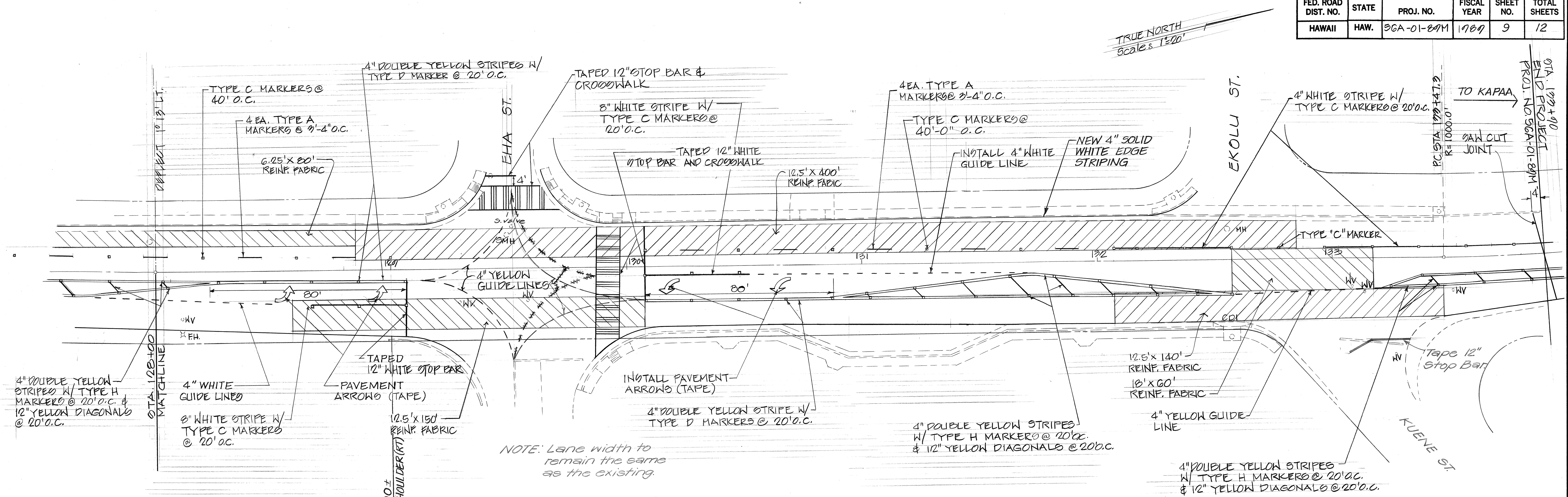
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KUHO HIGHWAY RECONSTRUCTION
LIHUE TOWN SECTION
PROJECT NO. 50A-01-09M
PLAN

SCALE: AS SHOWN DATE AUG. 1988

SHEET NO. 5 OF 6 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	SGA-01-89M	1989	9	12



- NOTES:
1. CONTRACTOR HAS THE OPTION OF USING CAST MALLEABLE IRON, CAST STEEL, WELDED OR BOLTED GRATE.
 2. ALL WELDS 3/8\"
 3. GRATE SHALL BE PARALLEL TO THE DIRECTION OF FLOW.
 4. GRATES AND FRAMES SHALL BE HOT DIP GALVANIZED AFTER FABRICATIONS.

DETAILS ~ RECONSTRUCTED GRATED DROP INLET AT
STA. 107+75 (LT.) AND STA. 108+14 (LT.)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION
KUHIO HIGHWAY REOURCING
LIHUE TOWN SECTION
PROJECT NO. SGA-01-89M
PLAN
SCALES AS SHOWN
AUG. 1988
SHEET NO. 9 OF 9 SHEETS

ORIGINAL PLAN	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	