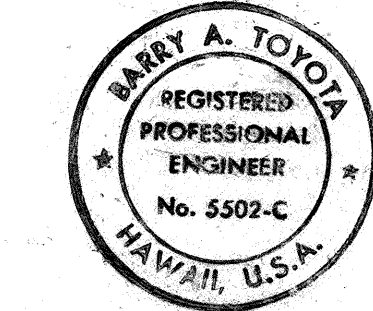


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-051-1(7)	1987	90	164

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

- LEGEND**
- Traffic Cones: 60' Spacing on Tangents,
30' Spacing on Tapers and
10' Spacing on Curves of 1000' Radius or Less
 - Cylindrical Delineator: Same Spacing as Above
 - Steady Burning Amber Light with Barricade: 20' Spacing
 - ← Traffic Flow Pattern
 - Work Area



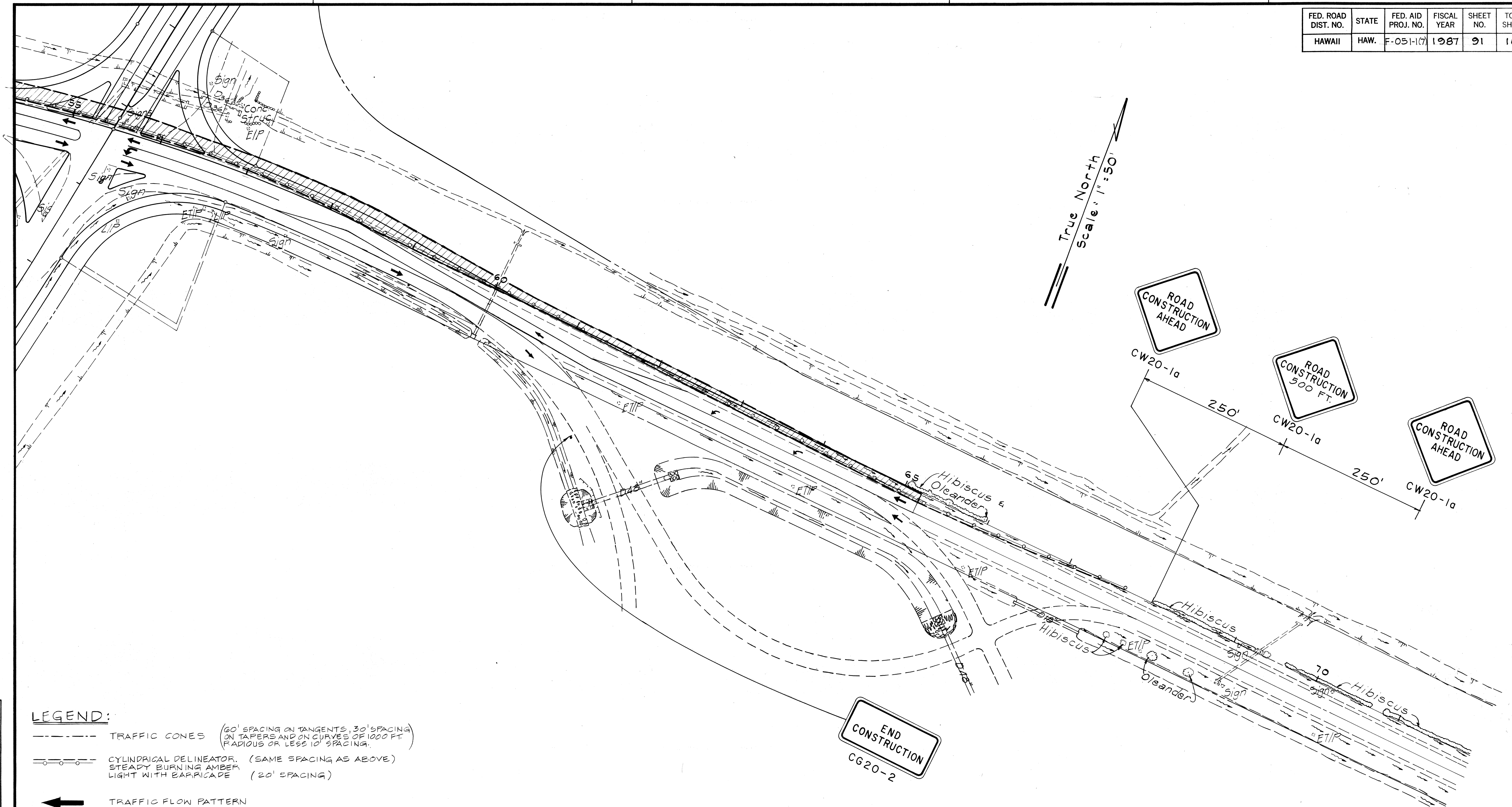
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Barry A. Tojoa
 Signature

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

**AHUKINI ROAD - KAPULE
HIGHWAY INTERSECTION
PHASE I DETOUR PLAN**
HANAMAULU ROAD & APPROACHES
HANAMAULU-AHUKINI CUTOFF RD.
(Ahukini Road To Kauai Hardwoods)
Federal Aid Project No F-051-1(7)
Scale: As Shown Date: Aug. 1986

SHEET NO. 2 OF 20 SHEETS

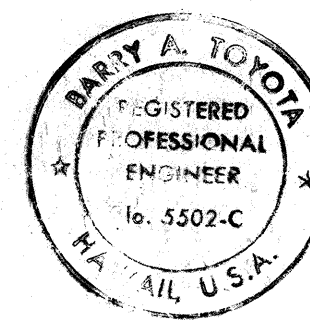
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-051-1(7)	1987	91	164



LEGEND:

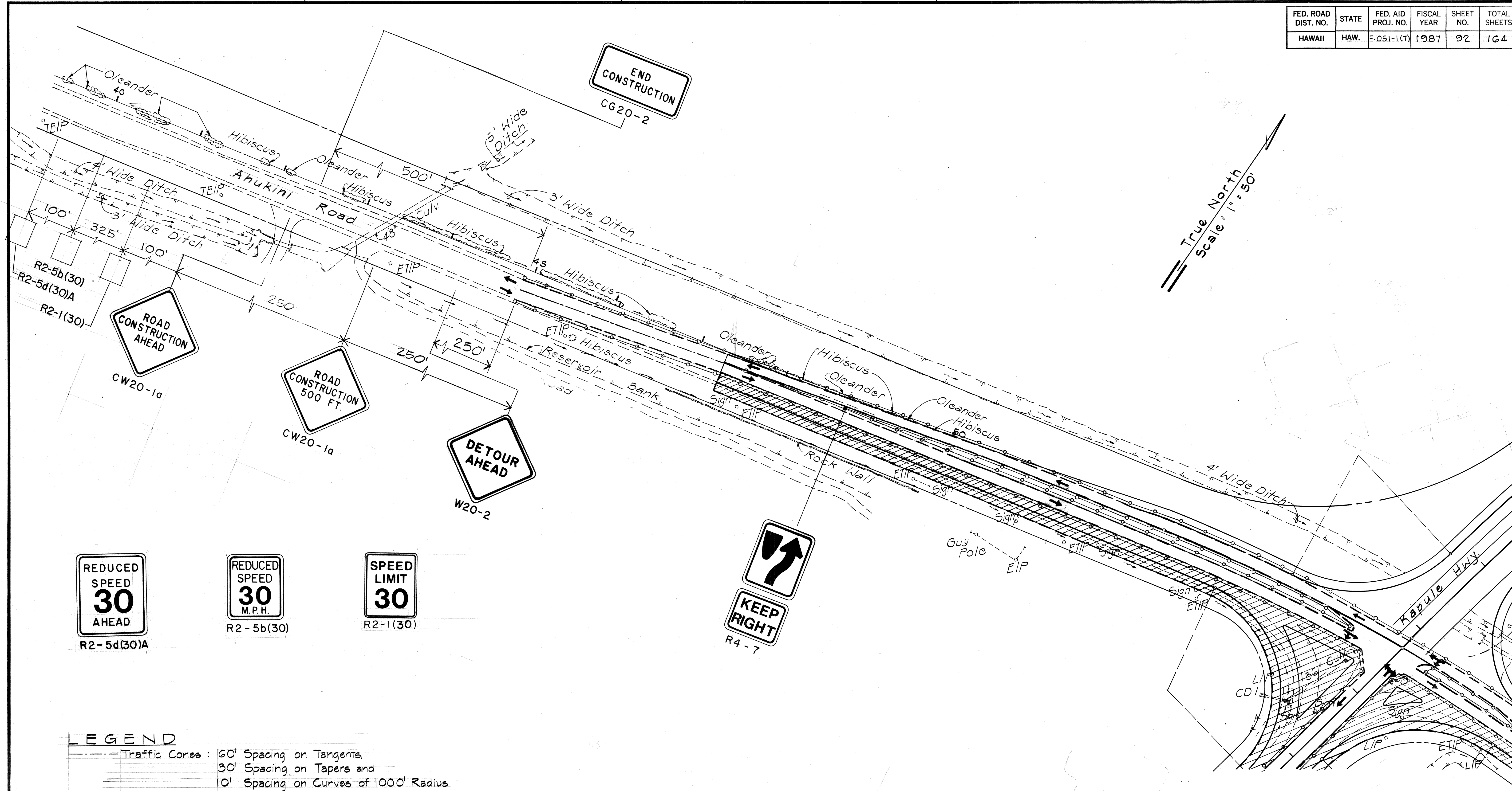
- TRAFFIC CONES (60' SPACING ON TANGENTS, 30' SPACING ON TAPERS AND ON CURVES OF 1000 FT. RADIUS OR LESS 10' SPACING)
- CYLINDRICAL DELINEATOR, STEADY BURNING AMBER LIGHT WITH BARRICADE (SAME SPACING AS ABOVE) (20' SPACING)
- ← TRAFFIC FLOW PATTERN
- ▨ WORK AREA

DATE	_____
DESIGNED BY	_____
CHECKED BY	_____
NOTED BY	_____
PLANNED BY	_____
ORIGINAL PLAN	_____
NO.	_____



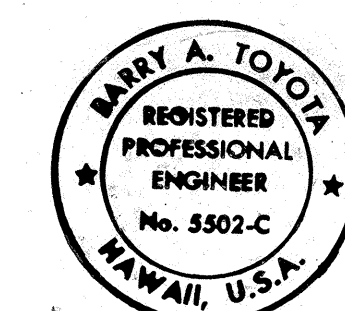
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION
AHUKINI ROAD - KAPULE
HIGHWAY INTERSECTION
PHASE I DETOUR PLAN
HANAMAULU ROAD & APPROACHES
HANAMAULU-AHUKINI CUTOFF RD
(Ahukini Road To Kauai Hardwoods)
Federal Aid Project No. F-051-1(7)
Scale: As Shown Date: Aug, 1986
SHEET No. 3 OF 20 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-051-1(7)	1987	92	164



LEGEND

- Traffic Cones : 60' Spacing on Tangents,
30' Spacing on Tapers and
10' Spacing on Curves of 1000' Radius
or Less
- Cylindrical Delineator : Same Spacing as Above
- Steady Burning Amber Light with Barricade : 20' Spacing
- ← Traffic Flow Pattern
- Work Area



THIS WORK WAS PREPARED BY ME OR
UNDER MY SUPERVISION.
Barry A. Toyota 8/15/86
Signature

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION
**AHUKINI ROAD - KAPULE
HIGHWAY INTERSECTION
PHASE II DETOUR PLAN**
HANAMAULU ROAD & APPROACHES
HANAMAULU-AHUKINI CUTOFF RD
(Ahukini Road To Kauai Hardwoods)
Federal Aid Project No. F-051-1(7)
Scale: As Shown Date: Aug. 1986
SHEET No. 4 OF 20 SHEETS

ORIGINAL PLAN	DATE
DESIGNED BY	
NOTED BY	
CHECKED BY	
NO.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-051-1(7)	1983	93	164

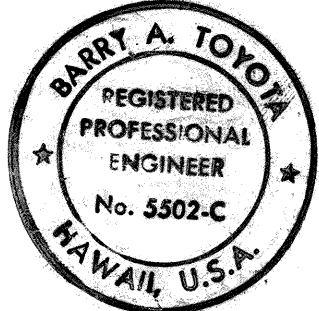
True North
Scale: 1" = 50'

END
CONSTRUCTION
CG20-2

Contractor To Pave
For Detour Traffic

STOP
RI-1

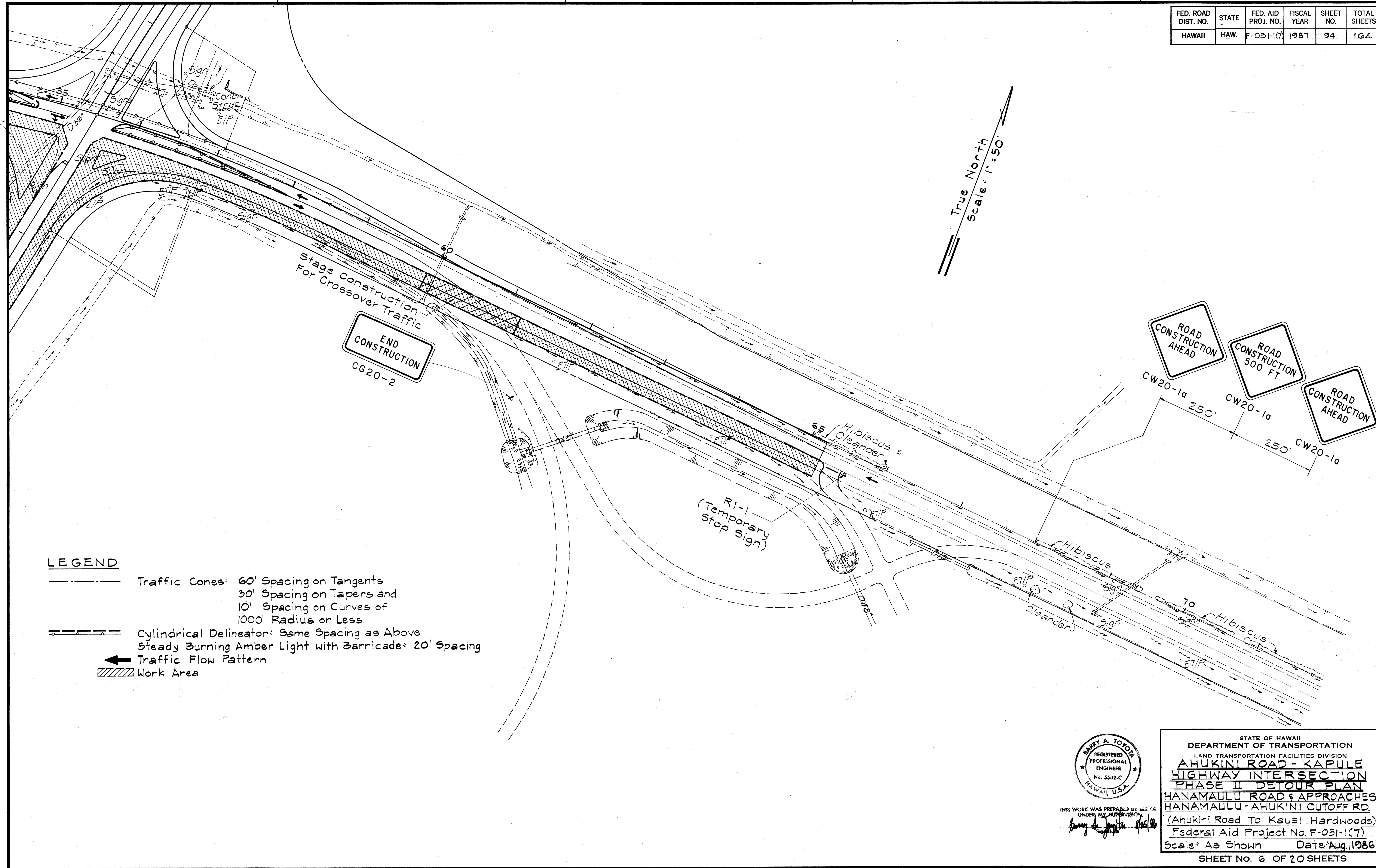
- LEGEND**
- Traffic Cones: 60' Spacing on Tangents,
30' Spacing on Tapers and
10' Spacing on Curves of 1000' Radius
or Less
 - Cylindrical Delineator: Same Spacing as Above
 - Steady Burning Amber Light with Barricade: 20' Spacing
 - ← Traffic Flow Pattern
 - ▨ Work Area



THIS WORK WAS PREPARED BY ME OR
UNDER MY SUPERVISION.
Barry A. Tojima 8/25/86
Signature

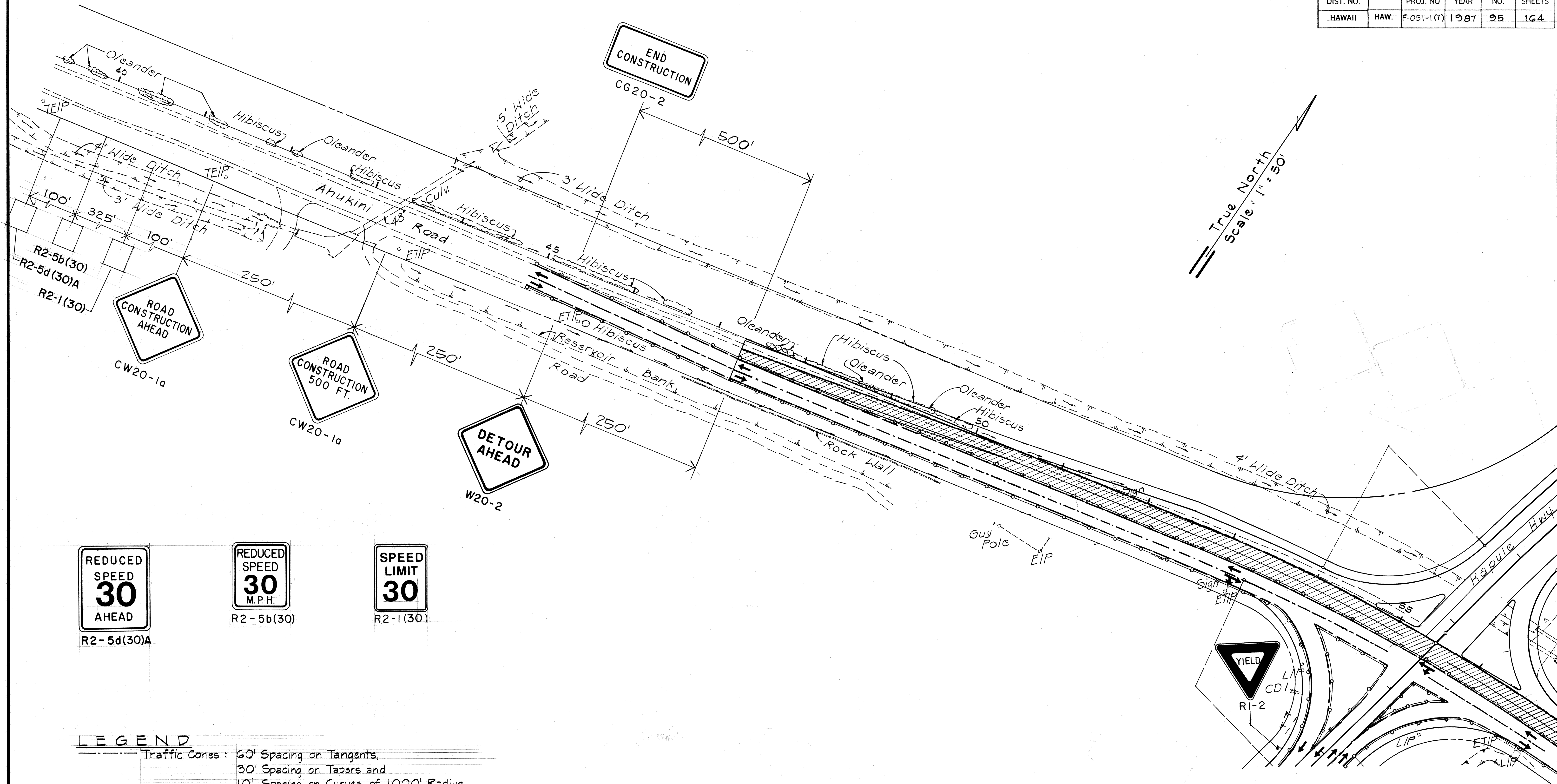
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION
**AHUKINI ROAD - KAPULE
HIGHWAY INTERSECTION
PHASE II DETOUR PLAN**
HANAMAULU ROAD & APPROACHES
HANAMAULU-AHUKINI CUTOFF RD
(Ahukini Road To Kauai Hardwoods)
Federal Aid Project No. F-051-1 (7)
Scale: As Shown Date: Aug., 1986
SHEET No. 5 OF 20 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-051-1(7)	1987	94	164



ORIGINAL PLAN	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
No.	

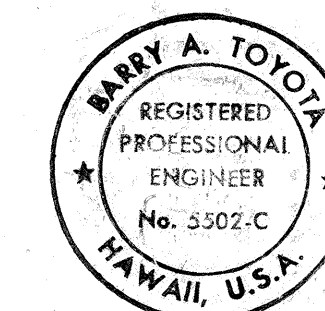
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-051-1(7)	1987	95	164



ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
NOTED BY	
CHECKED BY	
NO.	

LEGEND

- Traffic Cones: 60' Spacing on Tangents, 30' Spacing on Tapers and 10' Spacing on Curves of 1000' Radius or Less
- Cylindrical Delineator: Same Spacing as Above
- Steady Burning Amber Light with Barricade: 20' Spacing
- Traffic Flow Pattern
- Work Area



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
Barry A. Tokoy
 Signature

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION
**AHUKINI ROAD - KAPULE
HIGHWAY INTERSECTION**
PHASE II DETOUR PLAN
HANAMAULU ROAD & APPROACHES
HANAMAULU-AHUKINI CUTOFF RD.
(Ahukini Road To Kauai Hardwoods)
Federal Aid Project No. F-051-1(7)
Scale: As Shown Date: Aug. 1986

SHEET No. 7 OF 20 SHEETS
95

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-051-1(7)	1987	96	164

True North
Scale: 1" = 50'

END
CONSTRUCTION
CG20-2

500'

45'

Kapule Hwy.

Ditch

R3-8

250'

250'

250'

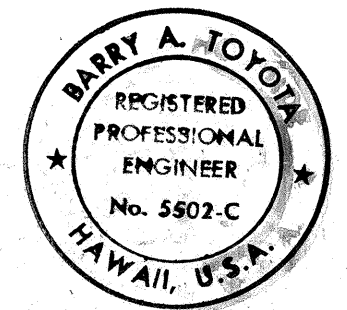
ROAD
CONSTRUCTION
AHEAD
CW20-1a

ROAD
CONSTRUCTION
500 FT.
CW20-1a

ROAD
CONSTRUCTION
AHEAD
CW20-1a

LEGEND

- Traffic Cones: 60' Spacing on Tangents,
30' Spacing on Tapers and
10' Spacing on Curves of 1000' Radius
or Less
- Cylindrical Delineator: Same Spacing as Above
- Steady Burning Amber Light with Barricade: 20' Spacing
- Traffic Flow Pattern
- Work Area



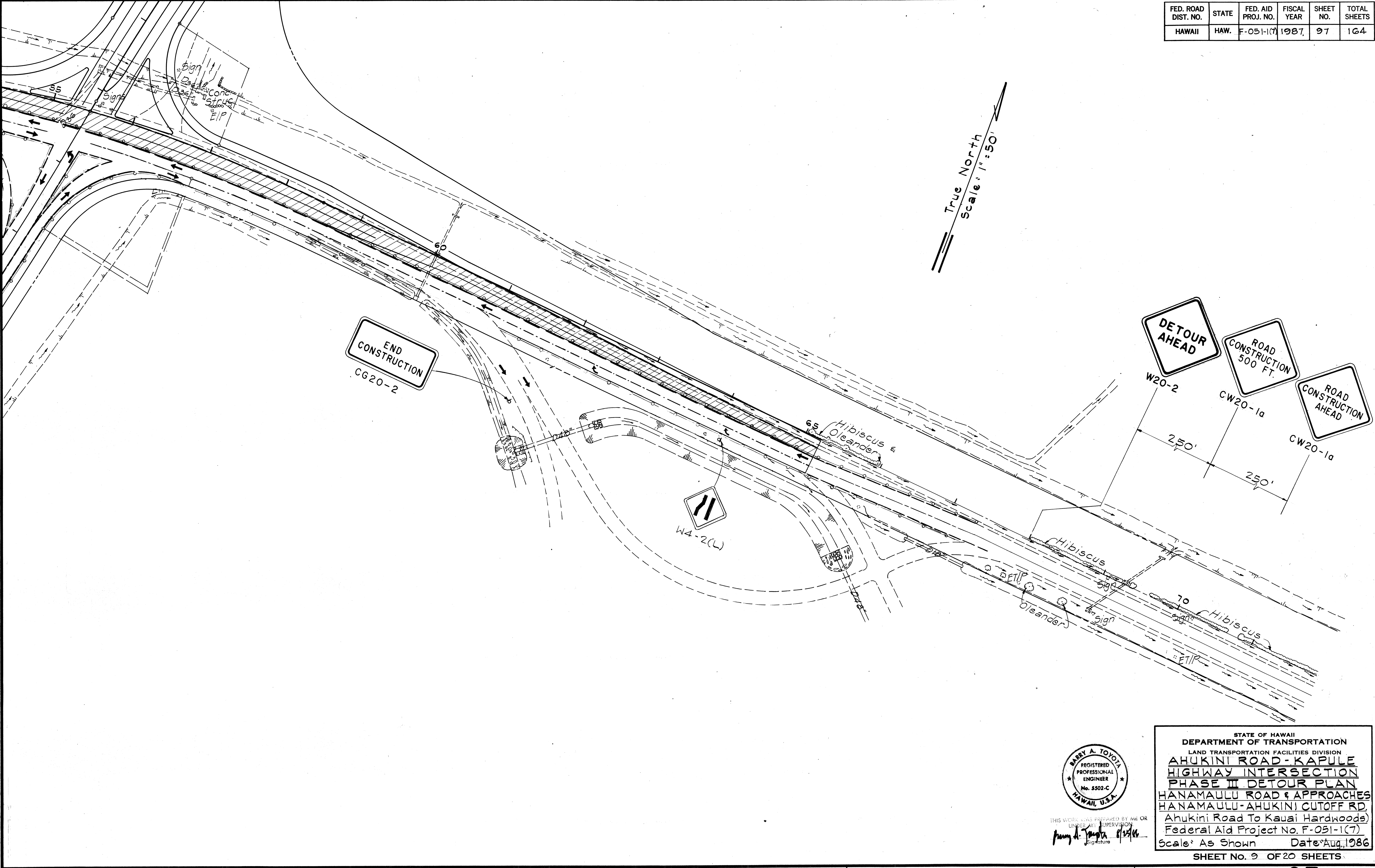
THIS WORK WAS PREPARED BY ME OR
UNDER MY SUPERVISION.
Barry A. Toyou
Signature

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION
AHUKINI ROAD - KAPULE
HIGHWAY INTERSECTION
PHASE II DETOUR PLAN
HANAMAULU ROAD & APPROACHES
HANAMAULU-AHUKINI CUTOFF RD.
(Ahukini Road To Kauai Hardwoods)
Federal Aid Project No. F-051-1(7)

Scale: As Shown
Date: Aug. 1986
SHEET No. 8 OF 20 SHEETS

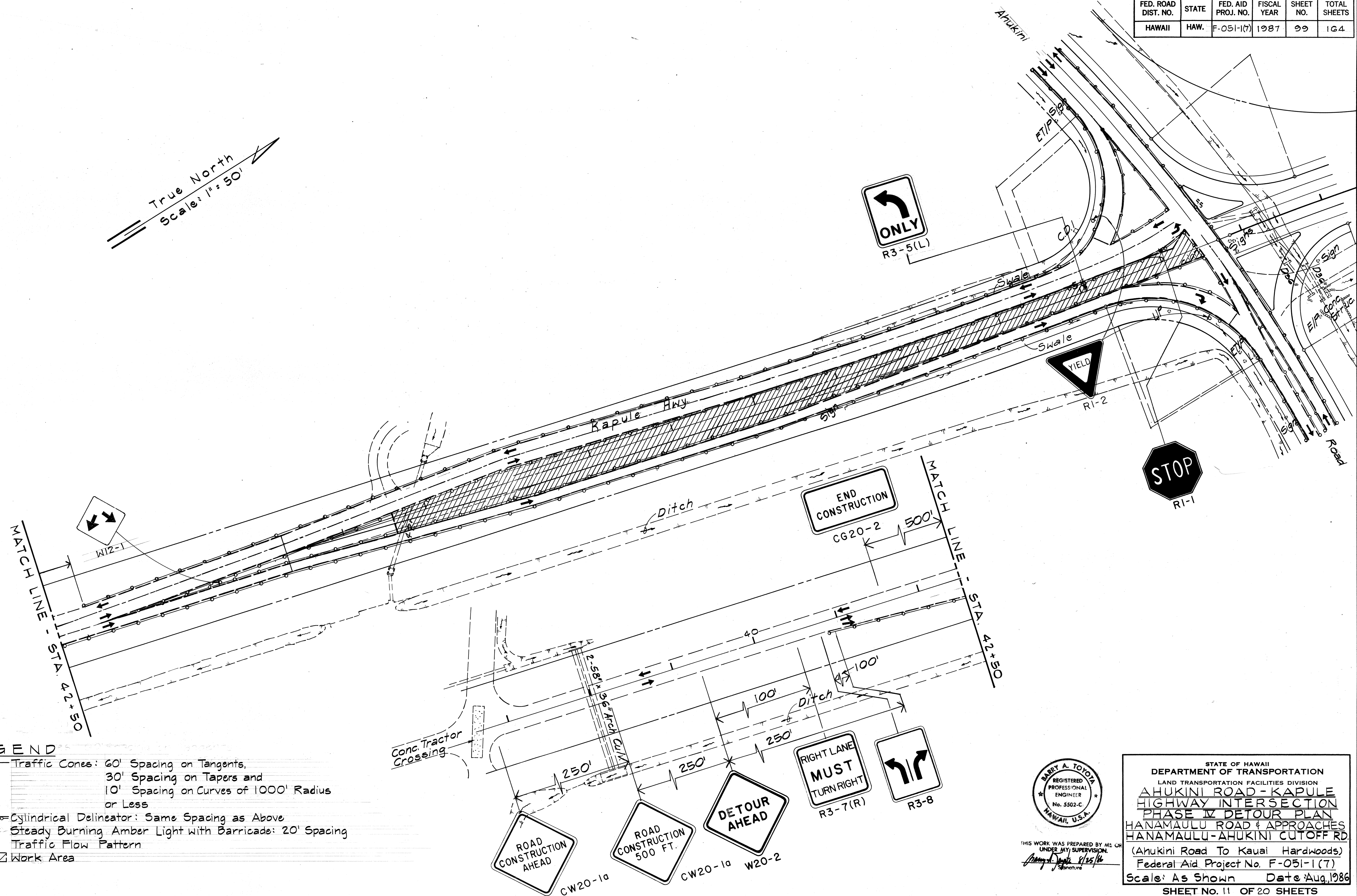
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
No.	DESIGNED BY	
	CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-051-1(7)	1987	97	164



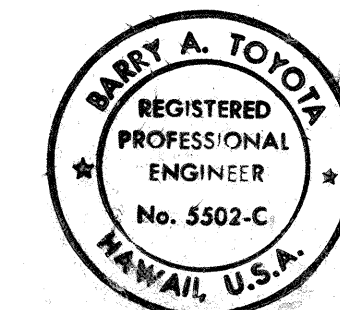
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-051-1(7)	1987	99	164

True North
Scale: 1" = 50'



LEGEND

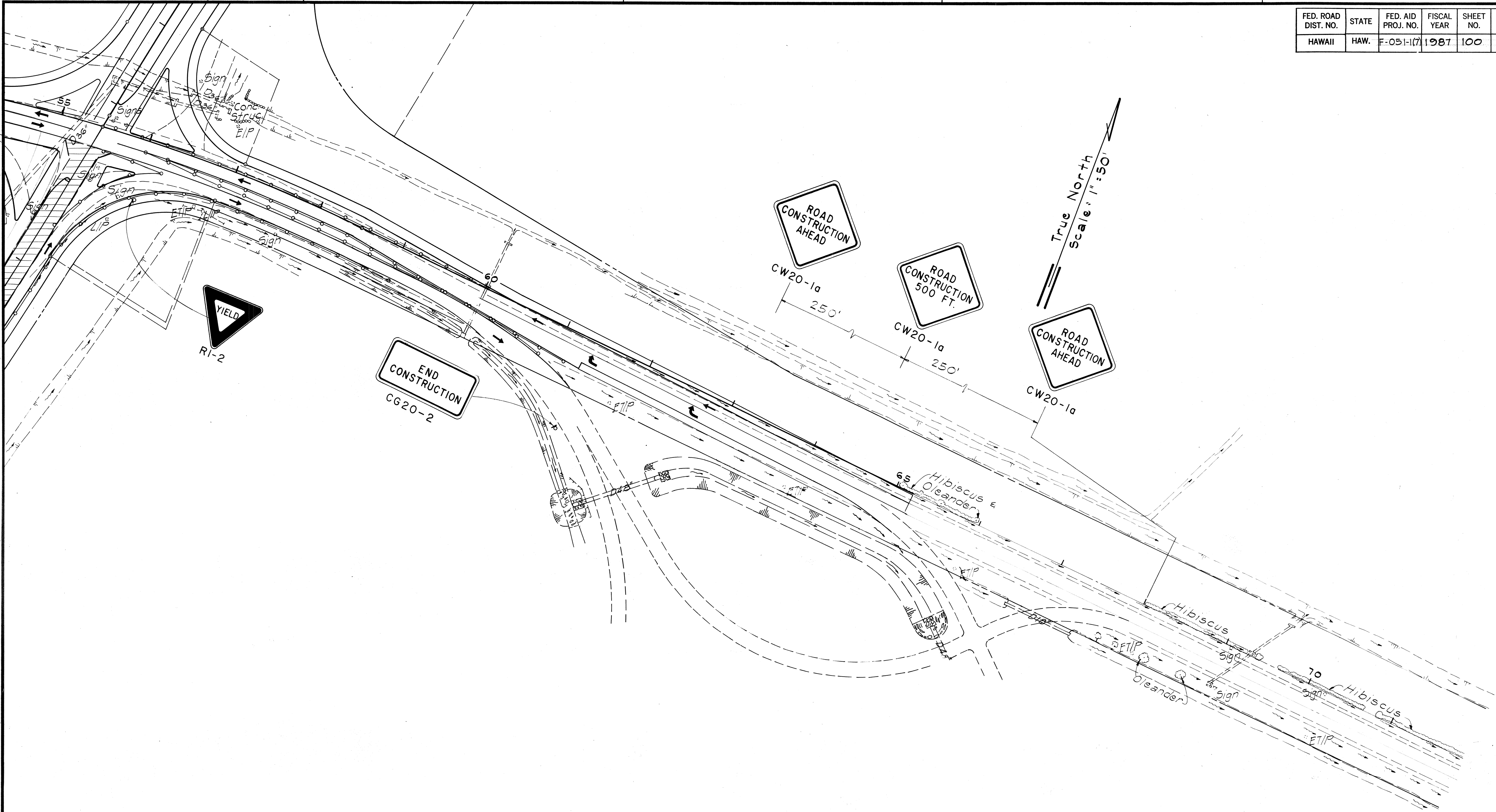
- Traffic Cones: 60' Spacing on Tangents, 30' Spacing on Tapers and 10' Spacing on Curves of 1000' Radius or Less
- Cylindrical Delineator: Same Spacing as Above
- Steady Burning Amber Light with Barricade: 20' Spacing
- Traffic Flow Pattern
- Work Area



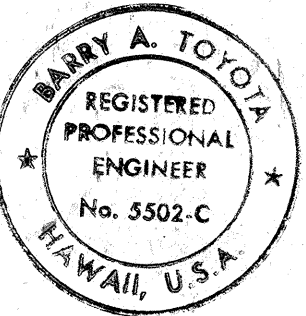
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Signature: Barry A. Tofia 8/25/86
Date: 8/25/86

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION
**AHUKINI ROAD-KAPULE
HIGHWAY INTERSECTION
PHASE IV DETOUR PLAN**
HANAMAULU ROAD & APPROACHES
HANAMAULU-AHUKINI CUTOFF RD.
(Ahukini Road To Kauai Hardwoods)
Federal Aid Project No. F-051-1(7)
Scale: As Shown Date: Aug. 1986
SHEET NO. 11 OF 20 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-051-1(7)	1987	100	164



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	



Barry A. Toyota 8/25/86

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION
AHUKINI ROAD - KAPULE
HIGHWAY INTERSECTION
PHASE IV DETOUR PLAN
HANAMAULU ROAD & APPROACHES
HANAMAULU-AHUKINI CUTOFF RD.
(Ahukini Road To Kauai Hardwoods)
Federal Aid Project No. F-051-1(7)
Scale: As Shown Date: Aug, 1986
SHEET NO. 12 OF 20 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-051-1(7)	1987	101	104

True North
Scale: 1" = 50'

MATCH LINE

STA. 42+50

42+50

MATCH LINE

STA. 42+50

42+50

LEGEND

- Traffic Cones: 60' Spacing on Tangents, 30' Spacing on Tapers and 10' Spacing on Curves of 1000' Radius or Less
- Cylindrical Delineator: Same Spacing as Above
- Steady Burning Amber Light with Barricade: 20' Spacing
- Traffic Flow Pattern
- Work Area

conc. Tractor Crossing

R2-5d(30)A
R2-5b(30)

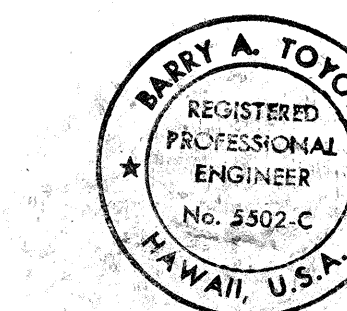
R2-1(30)

CW20-1a

CW20-1a

CW20-1a

W5-1



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Harry A. Toyota
Professional Engineer
No. 2502-C
HAWAII, U.S.A.

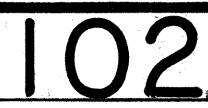
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION
**AHUKINI ROAD - KAPULE
HIGHWAY INTERSECTION
PHASE V DETOUR PLAN**
HANAMAULU-AHUKINI CUTOFF RD
(Ahukini Road To Kauai Hardwoods)
Federal Aid Project No. F-051-1(7)
Scale: As Shown Date: Aug. 1986
SHEET No. 13 OF 20 SHEETS

REDUCED SPEED
30
AHEAD
R2-5d(30)A

REDUCED SPEED
30
M.P.H.
R2-5b(30)

SPEED LIMIT
30
R2-1(30)

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

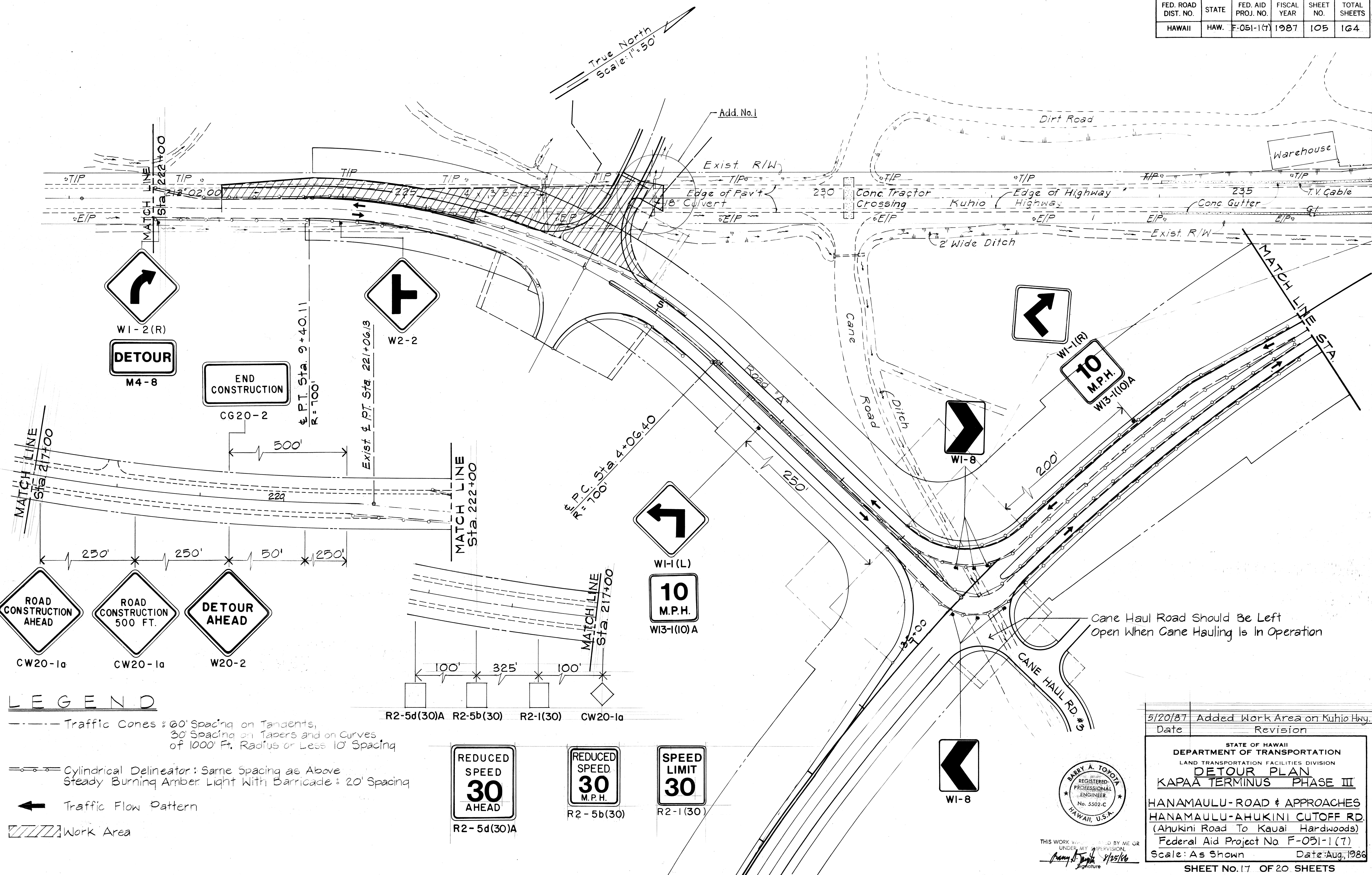


ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	"
	TRACED BY	"
NOTE BOOK	DESIGNED BY	"
	QUANTITIES BY	"
N ^o	CHECKED BY	"



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-051-1(7)	1987	105	164

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



LEGEND

----- Traffic Cones : 60' Spacing on Tangents,
30' Spacing on Tapers and on Curves
of 1000' Ft. Radius or Less 10' Spacing

==== Cylindrical Delineator : Same Spacing as Above
Steady Burning Amber Light With Barricade : 20' Spacing

← Traffic Flow Pattern

Work Area

REDUCED SPEED 30 AHEAD R2-5d(30)A

REDUCED SPEED 30 M.P.H. R2-5b(30)

SPEED LIMIT 30 R2-1(30)

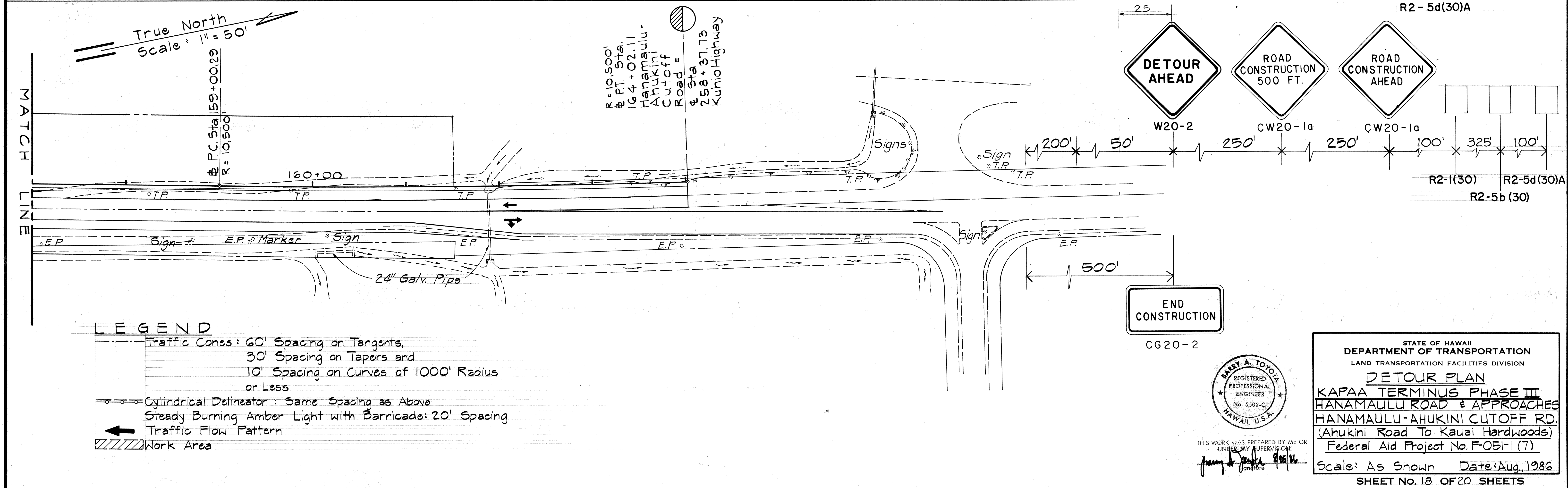
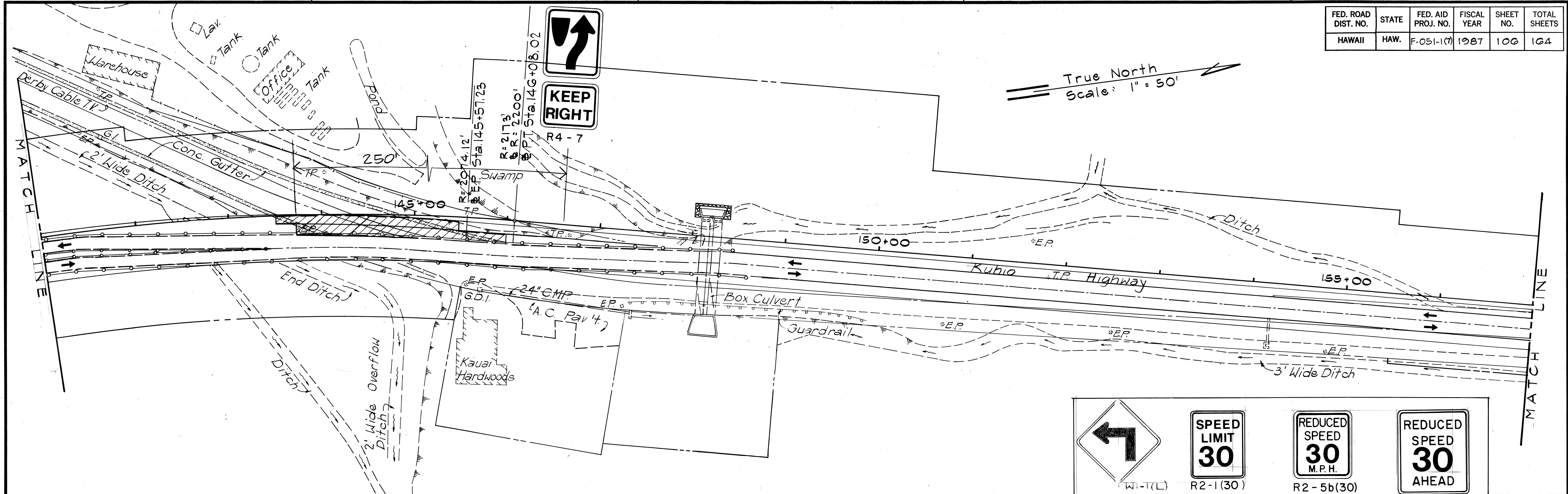
5/20/87 Date Added Work Area on Kuhio Hwy. Revision

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION
DETOUR PLAN
KAPAA TERMINUS PHASE III
HANAMAULU-ROAD & APPROACHES
HANAMAULU-AHUKINI CUTOFF RD.
(Ahukini Road To Kauai Hardwoods)
Federal Aid Project No F-051-1(7)
Scale: As Shown Date: Aug, 1986
SHEET No. 17 OF 20 SHEETS

Barry A. Tofoya
REGISTERED PROFESSIONAL ENGINEER
No. 5502-C
HAWAII, U.S.A.

THIS WORK WAS DONE BY ME OR UNDER MY SUPERVISION
Signature 8/25/86

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-051-1(7)	1987	106	164



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-051-1(7)	1987	107	164

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

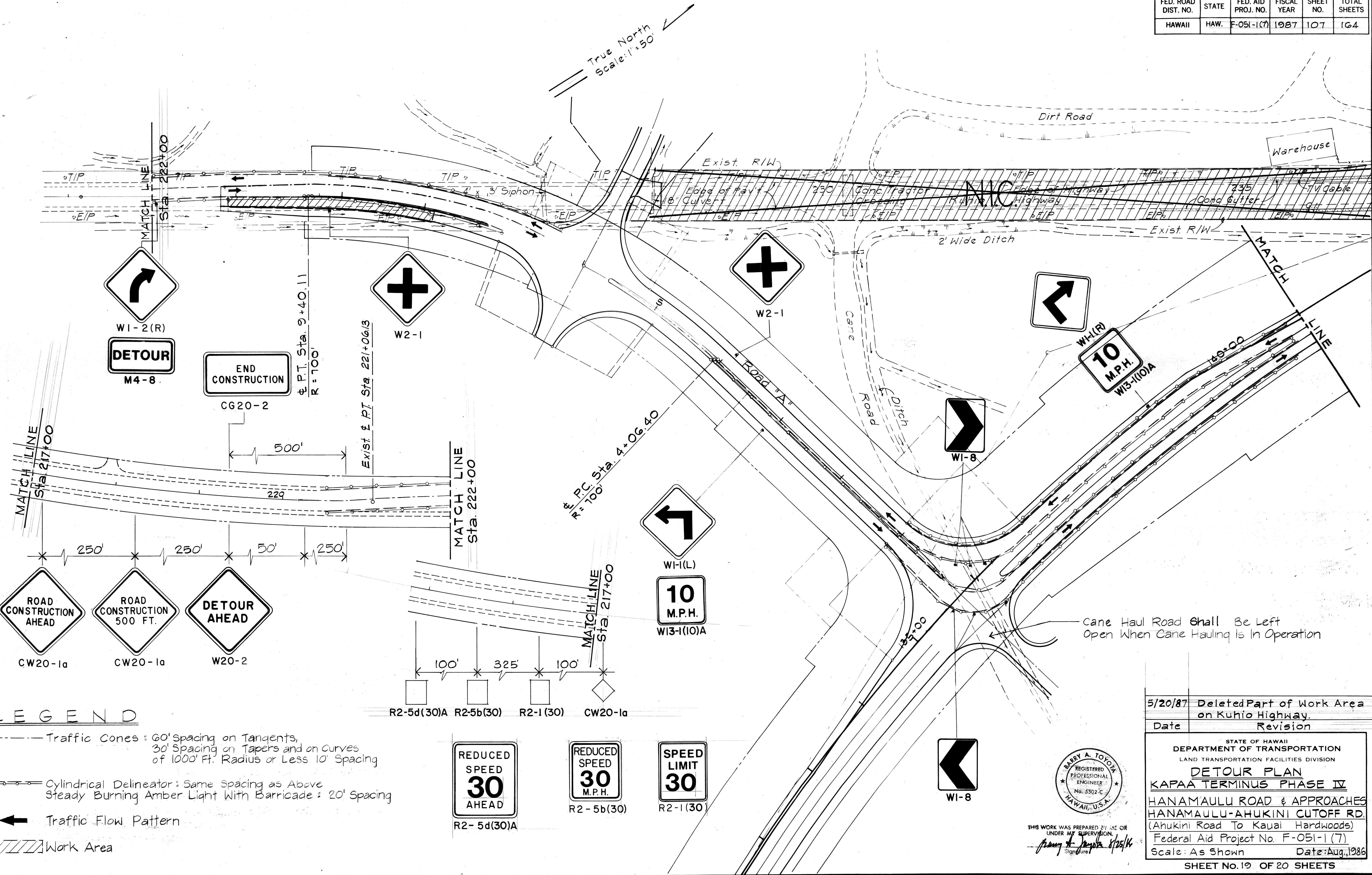
LEGEND

--- Traffic Cones : 60' Spacing on Tangents,
30' Spacing on Tapers and on Curves
of 1000' Ft. Radius or Less 10' Spacing

--- Cylindrical Delineator : Same Spacing as Above
Steady Burning Amber Light With Barricade : 20' Spacing

← Traffic Flow Pattern

Work Area



5/20/87	Deleted Part of Work Area on Kuhio Highway.
Date	Revision

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

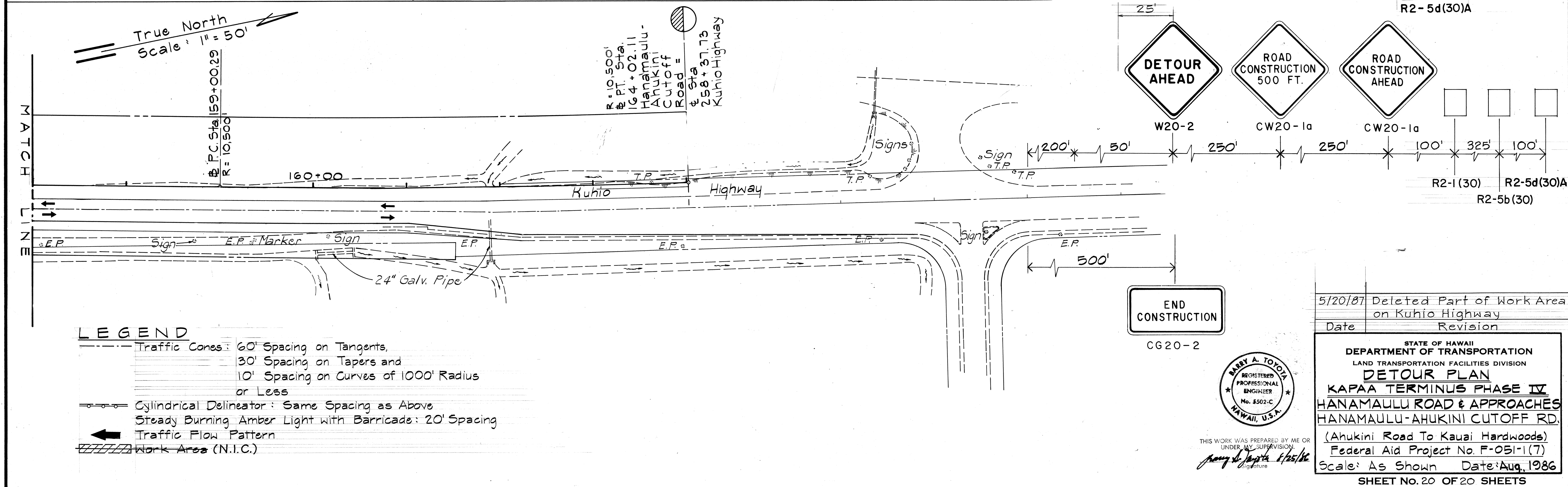
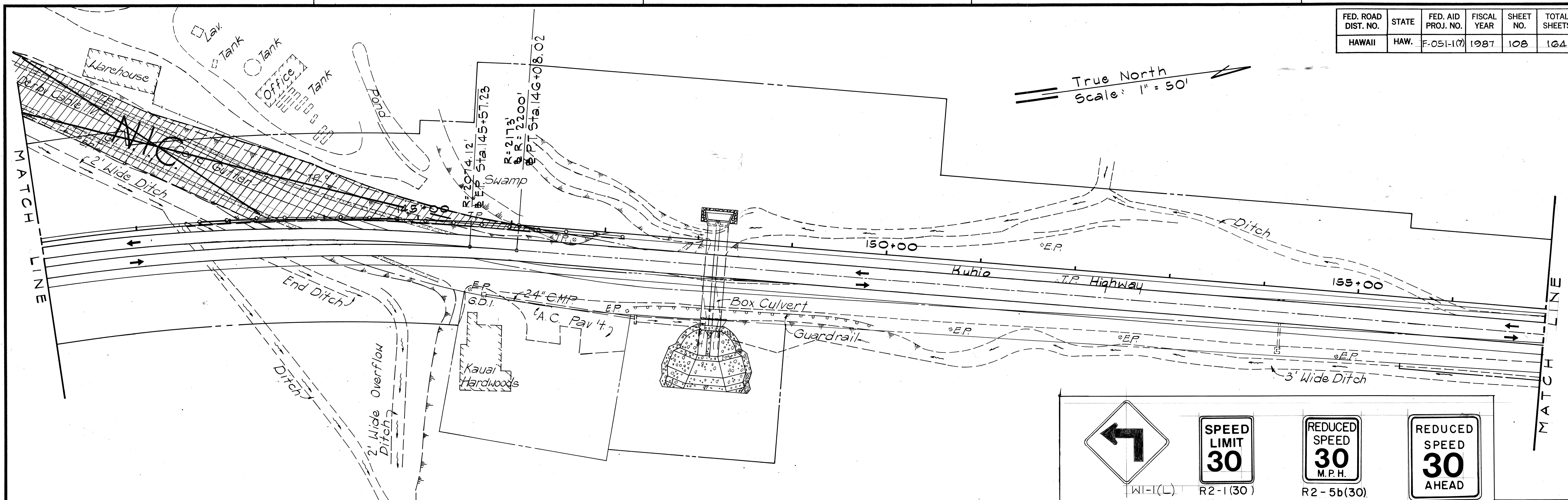
DETOUR PLAN
KAPAA TERMINUS PHASE IV
HANAMAULU ROAD & APPROACHES
HANAMAULU-AHUKINI CUTOFF RD.
(Ahukini Road To Kauai Hardwoods)
Federal Aid Project No. F-051-1 (7)
Scale: As Shown Date: Aug. 1986

SHEET NO. 10 OF 20 SHEETS

BARRY A. TOYO, JR.
REGISTERED PROFESSIONAL ENGINEER
No. 5302-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
Date: 8/25/86

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-051-1(7)	1987	108	164



ADD. 108