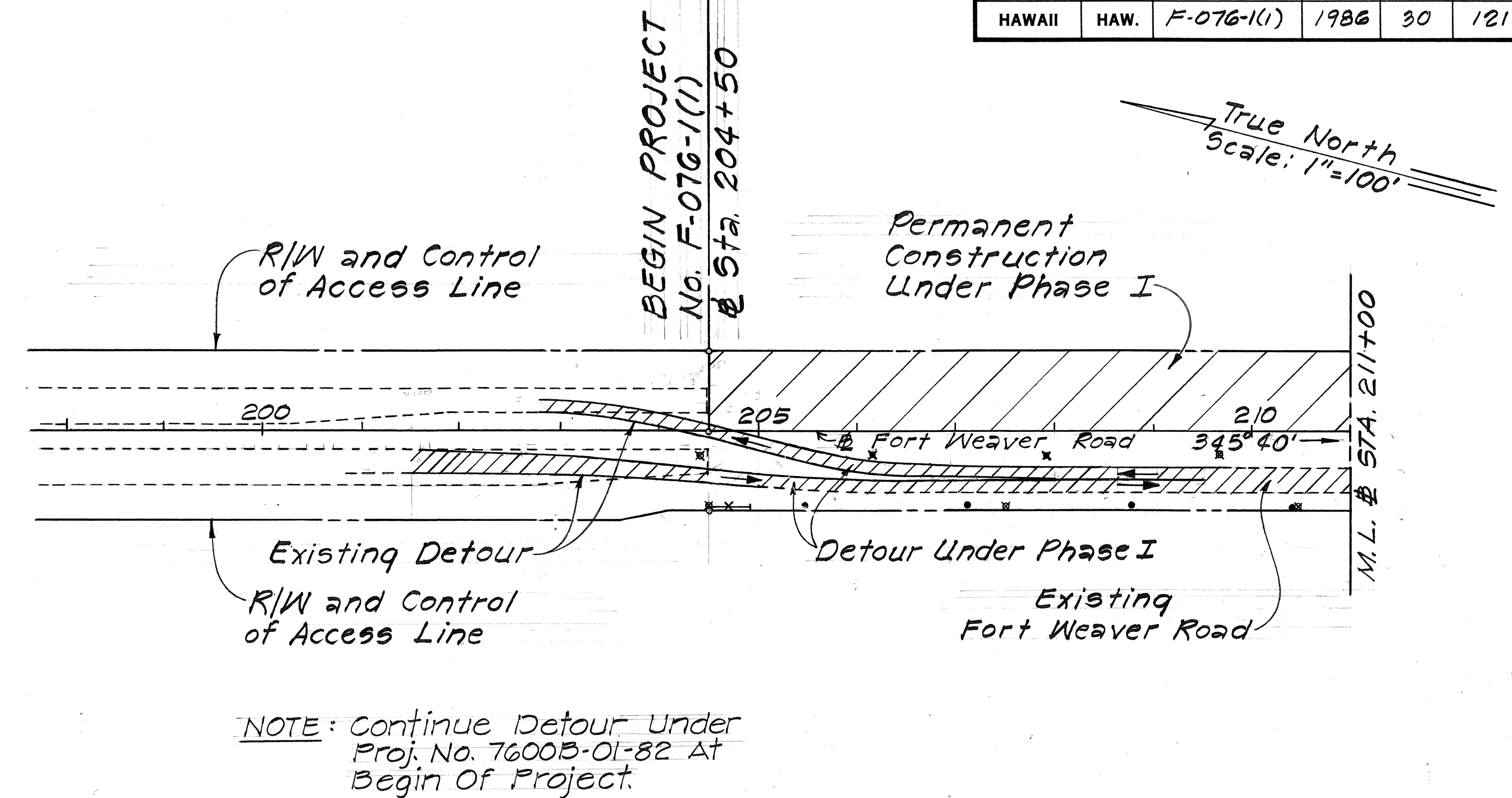


GENERAL DETOUR NOTES

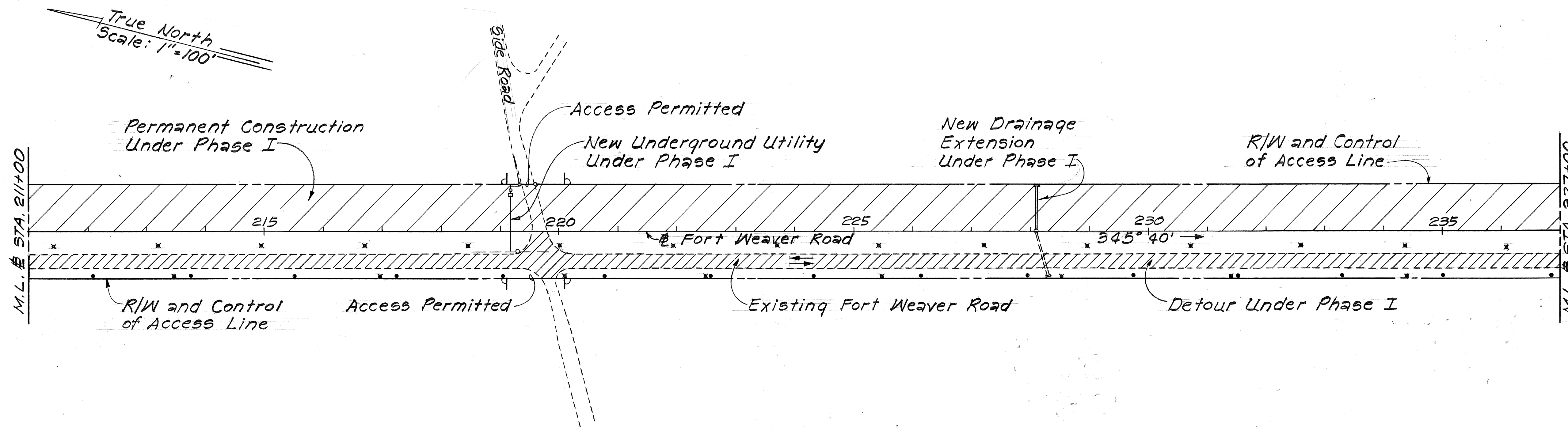
1. The Contractor shall coordinate all utility work with the respective companies during the construction phasing, especially the underground work.
2. Any request for changes to the detour plans shall be made in writing for the Engineer's approval.
3. All work to remove temporary detours by the Contractor shall be considered incidental to the various contract items in the proposal.
4. Detour traffic lanes shall be 12-ft. wide with 2-ft. wide shoulders.
5. The Contractor shall maintain access to properties affected by construction at all times until a permanent replacement access is provided.
6. Detour pavement structure shall be paid for under the respective items listed in the proposal schedule.
7. All service from existing utilities that are to remain or are to be relocated shall be maintained at all times unless special approval is obtained from the Engineer for temporary discontinuance of service.
8. Left turn lanes, including loop detectors on Fort Weaver Road at Geiger Road Intersection shall be maintained during all phases of construction. This work will not be measured for payment, but shall be considered to be included as part of the Lump Sum amount under Item No. 104.0700 - Maintenance of Traffic Signals.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-076-1(1)	1986	30	121



LEGEND

- Permanent Construction
- Temporary Construction
- Detour Roadway
- Utility Poles to be removed under Phase I
- New Utility Poles under Phase I
- Reflective Tubular Cones Adhesive Base Type
- Type I Barricade
- Type II Barricade



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

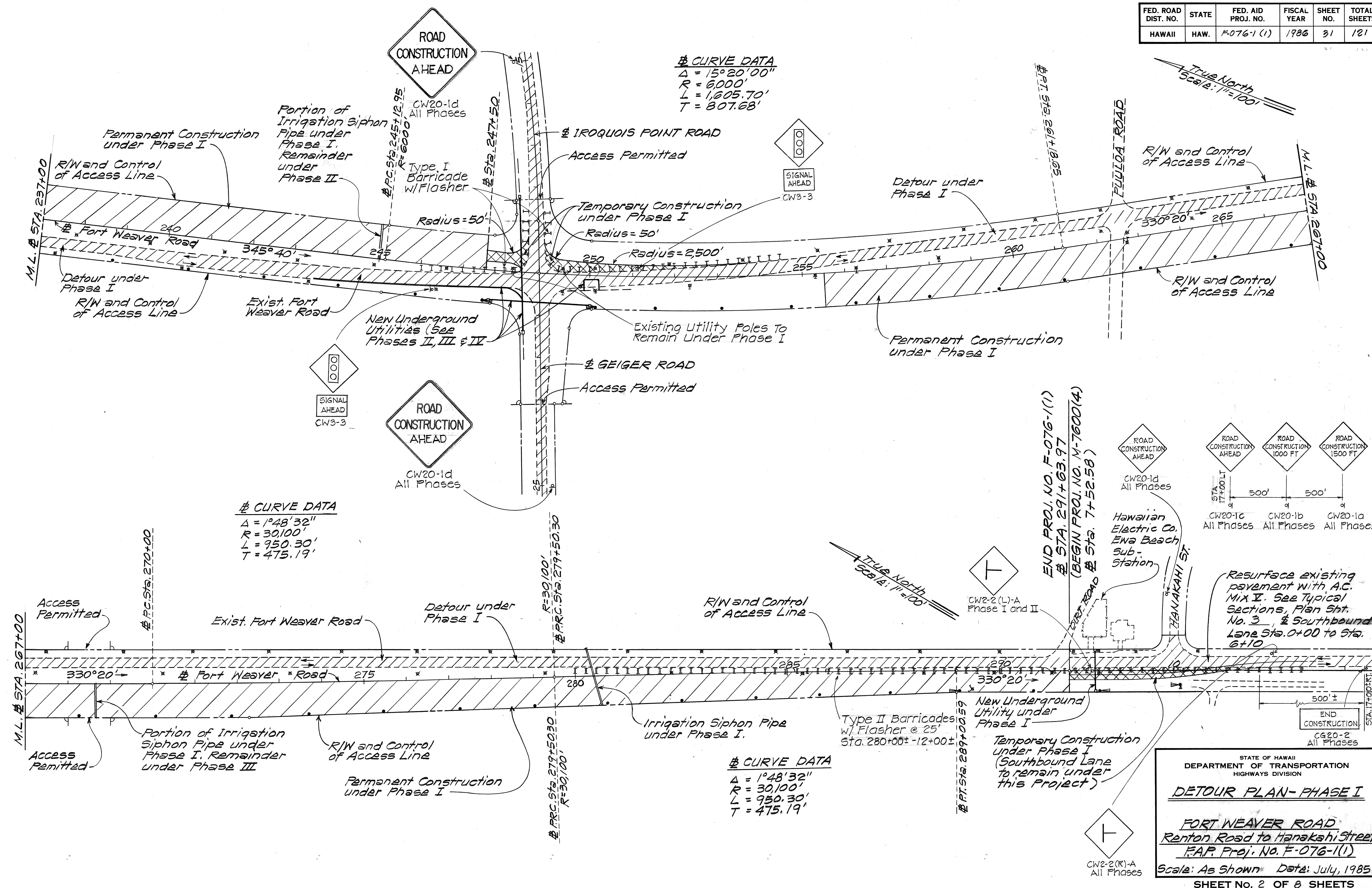
DETOUR PLAN - PHASE I

FORT WEAVER ROAD
Renton Road to Hanakahi Street
F.A.P. Proj. No. F-076-1(1)

Scale: As Shown Date: July, 1985

SHEET NO. 1 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-076-1(1)	1986	31	121



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

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

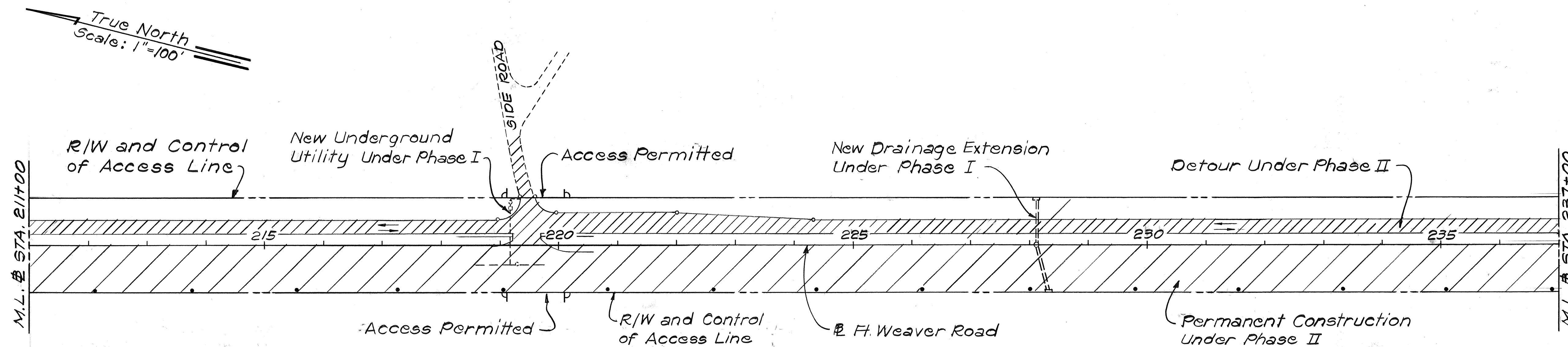
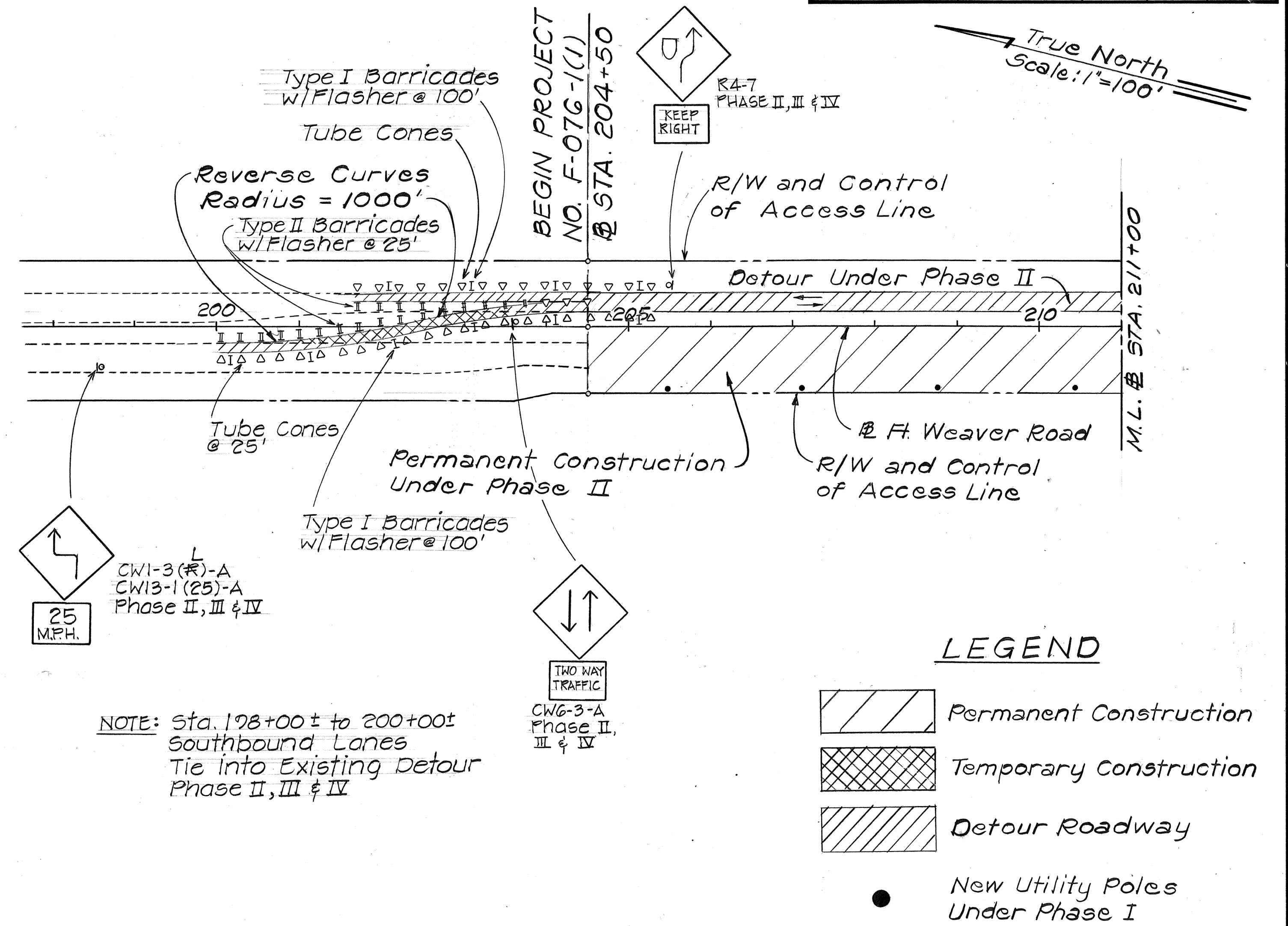
DETOUR PLAN-PHASE I

FORT WEAVER ROAD
 Renton Road to Hanakahi Street
 F.A.P. Proj. No. F-076-1(1)

Scale: As Shown Date: July, 1985

SHEET NO. 2 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-076-1(1)	1986	32	121



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

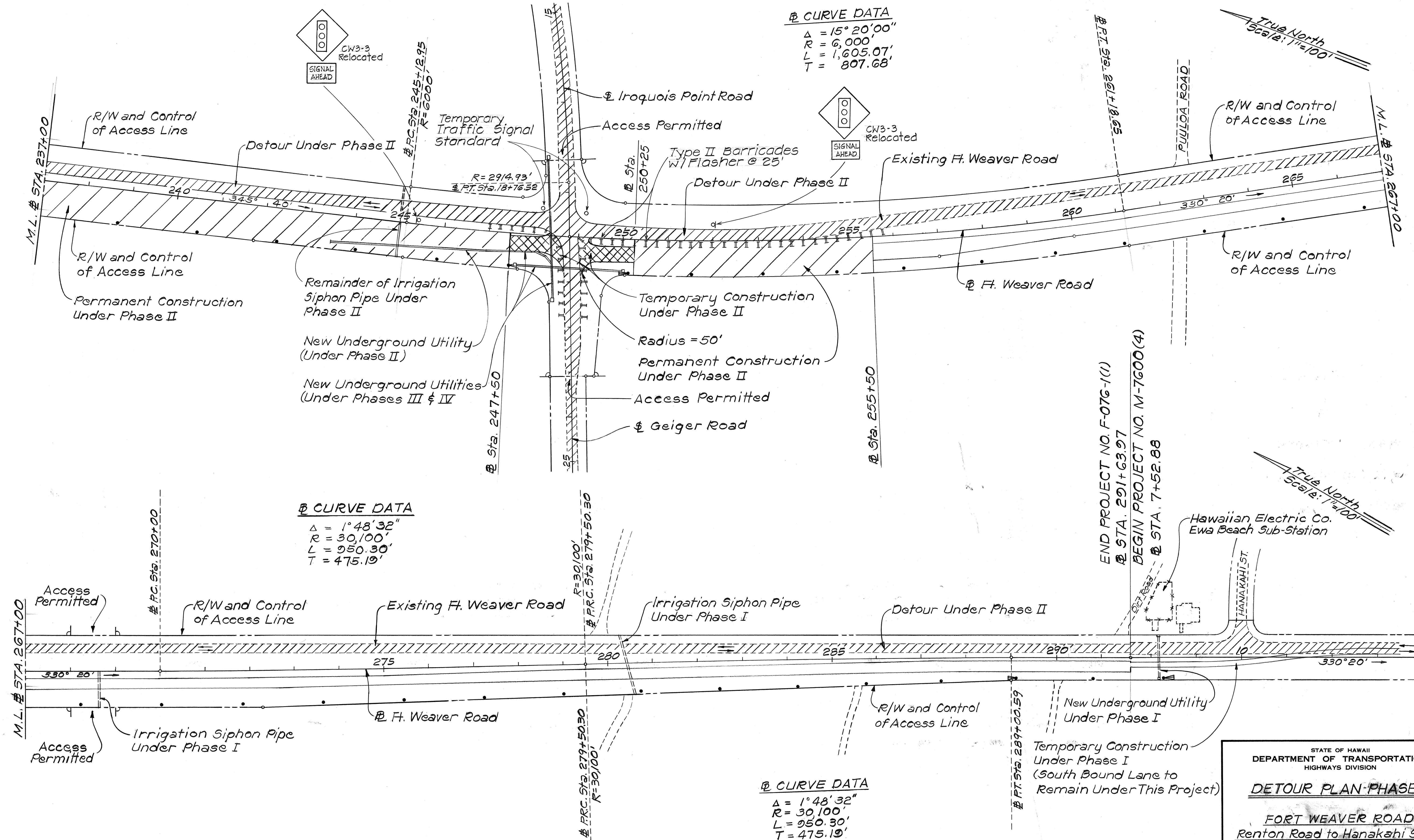
DETOUR PLAN - PHASE II
FORT WEAVER ROAD
Renton Road to Hanakahi Street
F.A.P. Proj. No. F-076-1(1)

Scale: As Shown Date: July, 1985

SHEET No. 3 OF 8 SHEETS

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-076-1(1)	1984	39	121



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

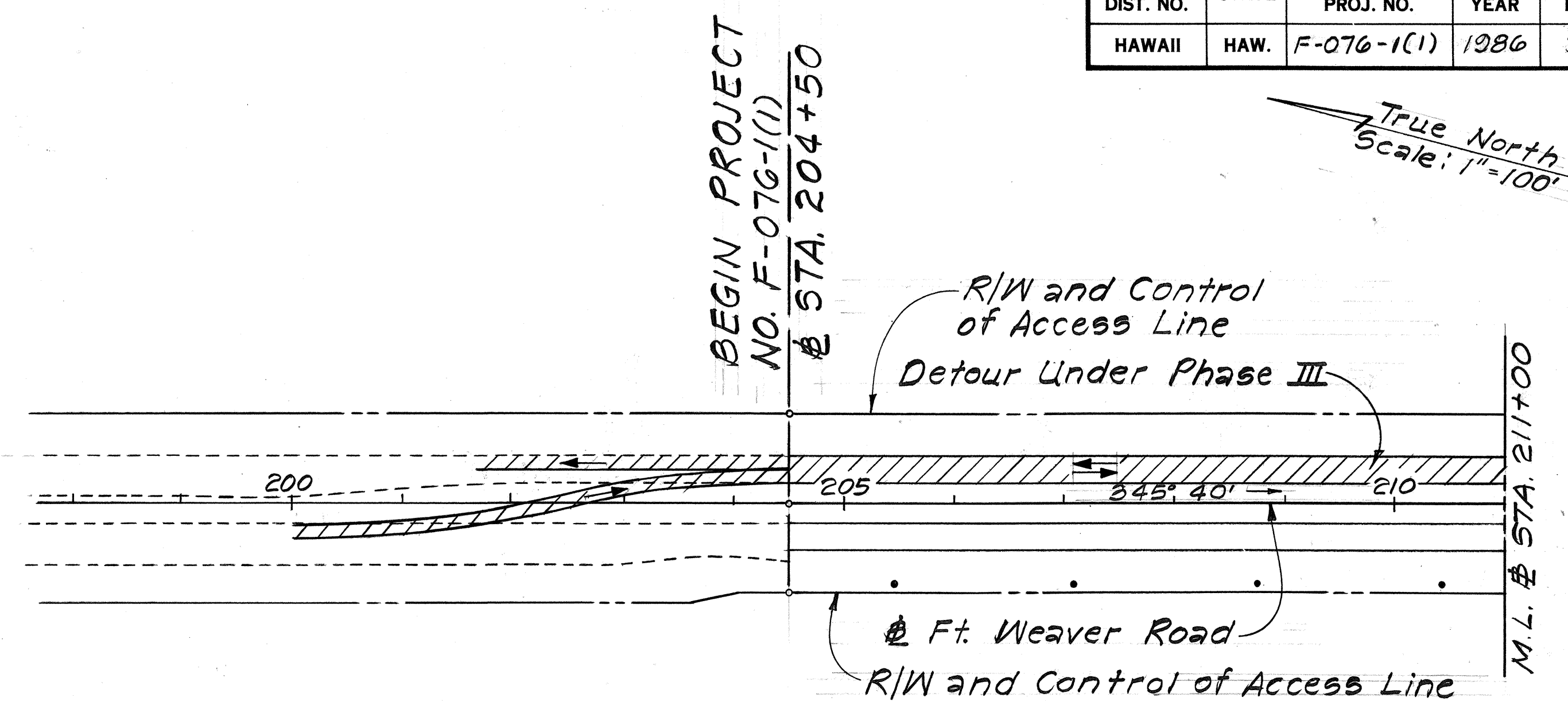
DETOUR PLAN PHASE II

FORT WEAVER ROAD
Renton Road to Hanakahi Street
F.A.P. Proj. No. F-076-1(1)

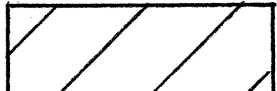
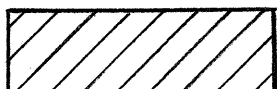
Scale: As Shown Date: July, 1985
SHEET NO. 4 OF 8 SHEETS

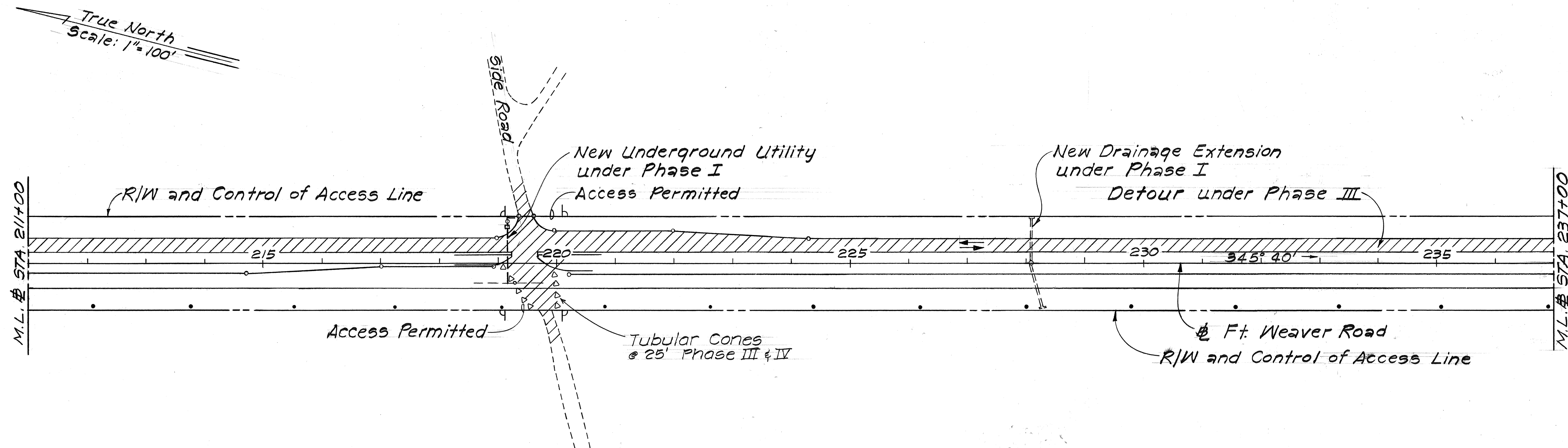
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-076-1(1)	1986	34	121

True North
Scale: 1"=100'



LEGEND

-  Permanent Construction
-  Temporary Construction
-  Detour Roadway
-  New Utility Poles under Phase I



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

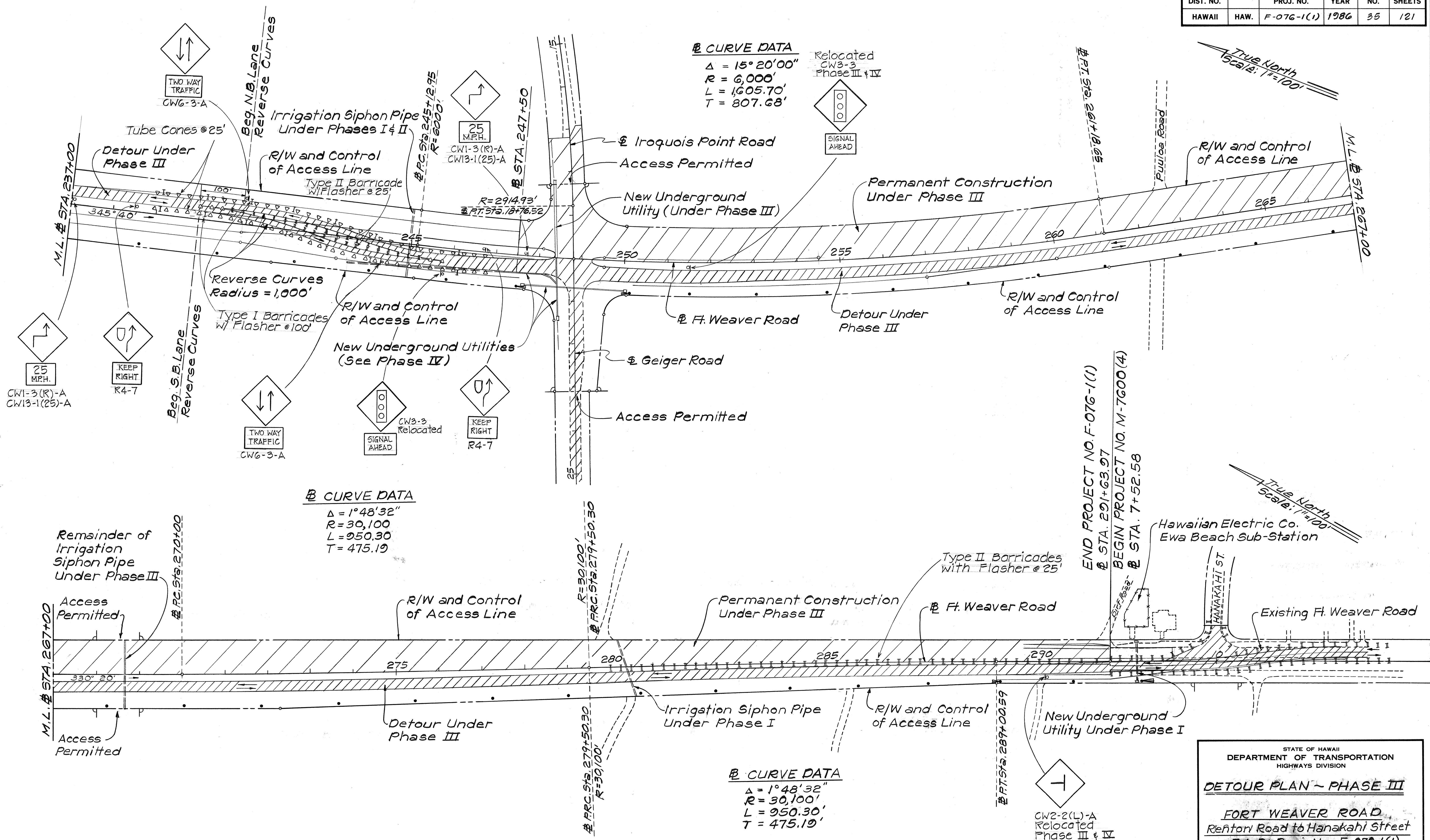
DETOUR PLAN-PHASE III

FORT WEAVER ROAD
Renton Road to Hanakahi Street
F.A.P. Proj. No. F-076-1(1)

Scale: As Shown Date: July, 1985

SHEET NO. 5 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-076-1(1)	1986	35	121



SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
NOTE BOOK	
CHECKED BY	
NO.	

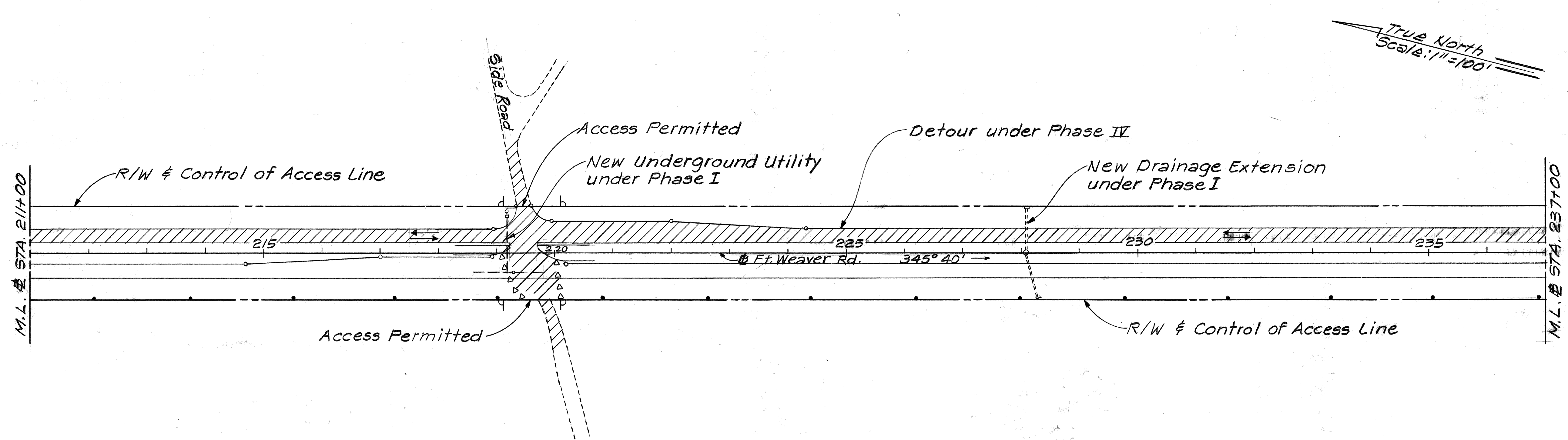
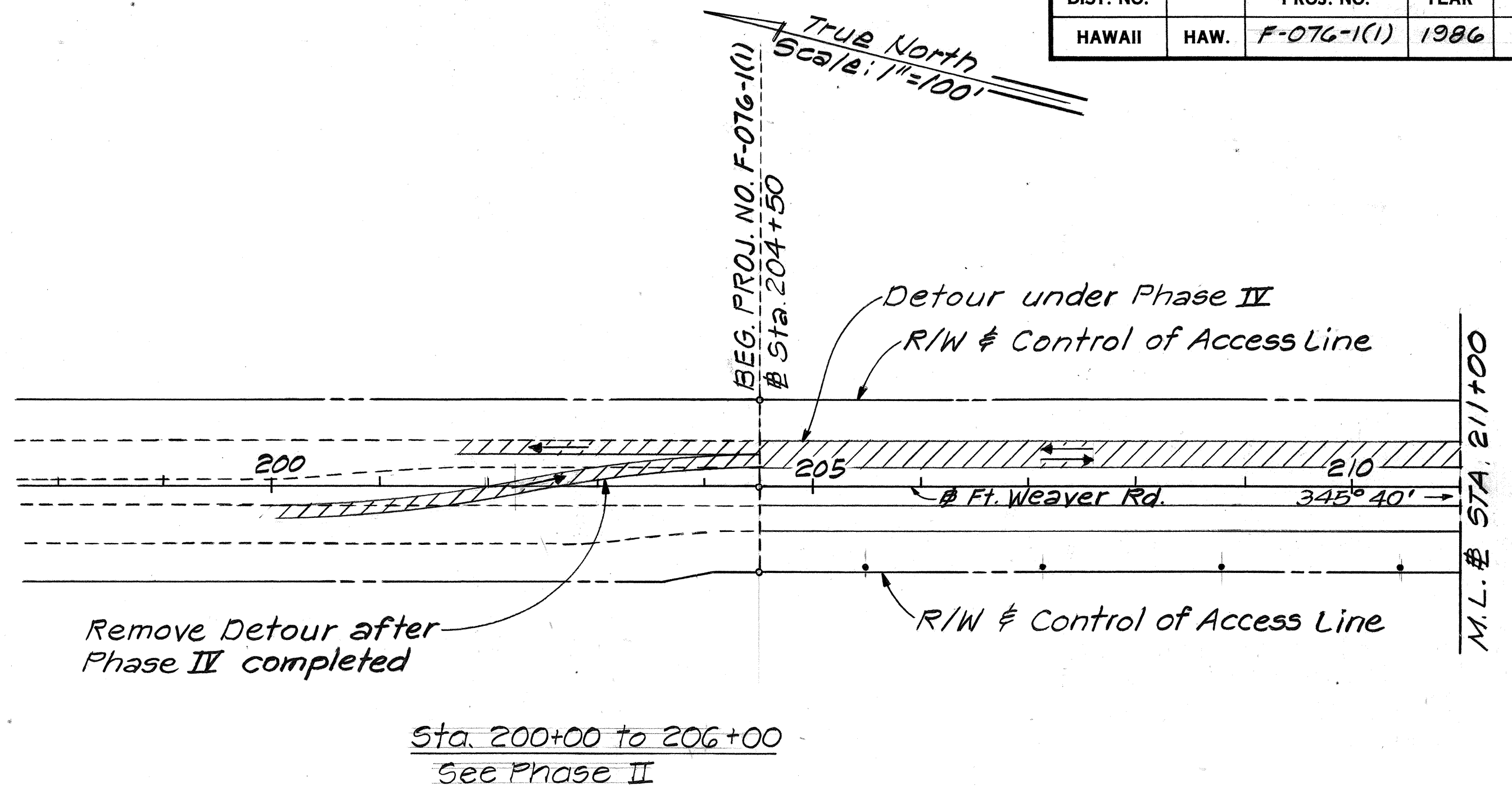
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

DETOUR PLAN - PHASE III

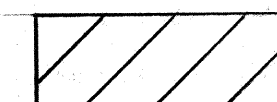
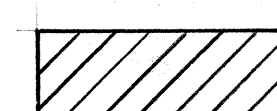
FORT WEAVER ROAD
 Renton Road to Hanakahi Street
 F.A.P. Proj. No. F-076-1(1)

Scale: As Shown Date: July, 1985
 SHEET NO. 6 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-076-1(1)	1986	96	121



LEGEND

-  Permanent Construction
-  Temporary Construction
-  Detour Roadway
-  New Utility Poles under Phase I

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETOUR PLAN - PHASE IV

FORT WEAVER ROAD
Renton Road to Hanakahi Street
F.A.P. Proj. No. F-076-1(1)

Scale: As Shown Date: July 1985
SHEET NO. 7 OF 8 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-076-1(1)	1986	37	121

§ CURVE DATA

Δ = 15°20'00"
R = 6,000'
L = 1,605.70
T = 807.68

Type I Barricades w/Flasher @100'

RT Sta. 261+18.05
R = 6000'

True North
Scale: 1"=100'

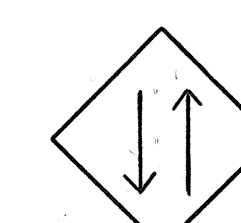
R/W & Control of Access Line

Taper = 500'
Tube Cones @25'

Tube Cones @25'

R/W & Control of Access Line

Type II Barricades w/Flasher @25'



TWO WAY TRAFFIC

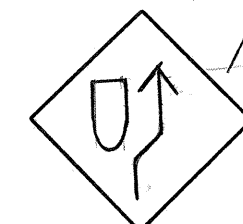
CW6-3-4 Relocated

3 Tube Cones

Type I Barricades w/Flasher @100'

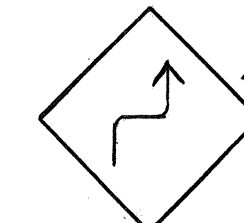
Reverse Curves R = 1000'

Sta. 260+00
Begin S.B. Lane Reverse Curves



KEEP RIGHT

R4-7 Relocated



25 MPH

CW1-3(R)-A
CW13-1(25)-A Relocated

Iroquois Point Road

Access Permitted

Permanent Construction under Phase IV

Geiger Road

Access Permitted

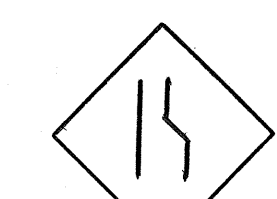
New Underground Utilities under Phase IV

Sta. 247+50

R = 2914.93'
PT. Sta. 18+76.52

§ CURVE DATA

Δ = 1°48'32"
R = 30,100'
L = 950.30'
T = 475.19'



CW4-2(R)-A



CW9-2(L)-A

Irrigation Siphon Pipe under Phase I

R/W & Control of Access Line

R = 30,100'
PRC. Sta. 279+50.30

R = 30,100'
PRC. Sta. 279+50.30

§ CURVE DATA

Δ = 1°48'32"
R = 30,100'
L = 950.30'
T = 475.19'

R = 30,100'
PT. Sta. 289+00.59

Hawaiian Elec. Co.
Ewa Beach Sub-Station

Existing Ft. Weaver Road

New Underground Utility under Phase I

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETOUR PLAN-PHASE IV

FORT WEAVER ROAD

Renton Road to Hanakahi Street

F.A.P. Proj. No. F-076-1(1)

Scale: As Shown Date: July, 1985

SHEET NO. 8 OF 8 SHEETS