

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83F-02-90	1991	4	9

R
Y
G
G

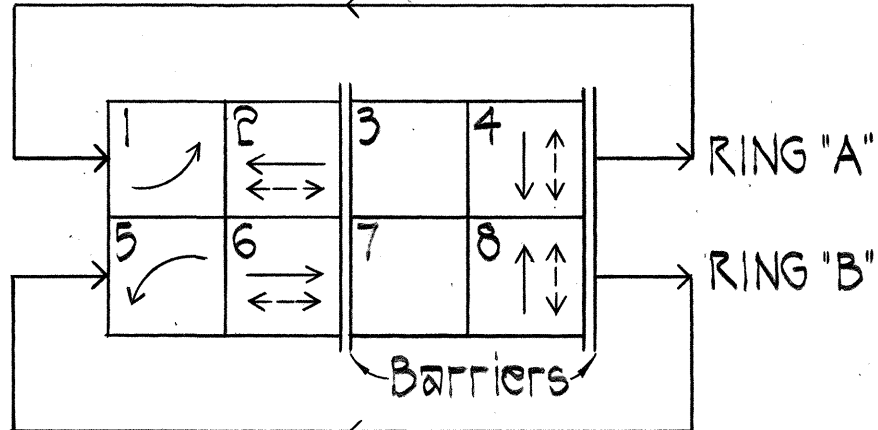
B-1(New)
C-1(New)
G-1(New)
H-3(New)

R
Y
G

C-2,3,4
G-3
H-1,2
J-1
K-1



A-1,2
D-1,2
G-2
I-1



PHASE DIAGRAM

NOTES:

- The following shall not be measured separately for payment but shall be considered incidental to various items of work.
 - Remove all traffic signal cables & clean conduits & pullboxes
 - Remove and salvage existing controller & cabinet & demolish foundation after new signal system becomes operational.
 - Removal of pavement stripes and markers.

True North
Scale: 1"=20'

(Signal Heads are existing, except where indicated "New")

SIGNAL INDICATIONS

See Interconnection
Plan Sht. no. 6

Overhead Interconnect Cable
1-24C #20 See Details, Sht. no. 8

1-6'x6' Loop Detectors
centered in lane (2 reqd)

Controller Assembly (Model 170
Traffic Signal Controller & Master
Controller Units Auxiliary Equipment
Model 33C Cabinet, Base mount w/
2 ea. Controller Barriers).

See Interconnection
Plan Sht. no. 6

Overhead Interconnect Cable
1-24C #20 See Details, Sht. no. 8

Exist. Controller Cabinet & Foundation
(See Note, this sht.)

1-6'x6' Loop Detector
centered in lane

HIGHWAY (STATE)

To Likelike Hwy.

BASELINE KAHKILI HIGHWAY

CONDUIT & CABLE SCHEDULE

△	CONDUIT	CABLE	△	CONDUIT	CABLE
1	New 2" Sch. 80	1- 26C #14	6	Exist. 2"	1- 26C #14
	New 2" Sch. 80	1- 26C #14		Exist. 2"	5- 2C #14
	New 2" Sch. 80	6- 2C #14	7	Exist. 2"	1- 26C #14
	New 2" Sch. 80	7- 2C #14		Exist. 2"	Empty
	New 2" Sch. 80	1- 3C #6, 1- 24C #20, 1- 12C #19	8	Exist. 2"	1- 26C #14
				Exist. 2"	1- 2C #14, 1- 3C #6, 1- 24C #20, 1- 12C #19
2	Exist. 2"	1- 26C #14			
	Exist. 2"	10- 2C #14			
3	Exist. 2"	1- 26C #14	9	Exist. 2"	1- 26C #14
	Exist. 2"	7- 2C #14		Exist. 2"	3- 2C #14, 1- 3C #6, 1- 24C #20, 1- 12C #19
			10	Exist. 2"	1- 26C #14
4	Exist. 2"	1- 26C #14		Exist. 2"	3- 2C #14, 1- 3C #6, 1- 24C #20, 1- 12C #19
	Exist. 2"	6- 2C #14	11	New 2" Sch. 80	1- 2C #14
5	Exist. 2"	1- 26C #14	12	New 2" Sch. 80	1- 3C #6, 1- 24C #20, 1- 12C #19
	Exist. 2"	5- 2C #14	15	Overhead	1- 24C #20 w/ Messenger Cable

PLAN
Scale: 1"=20'

APPROVED:

M. Fukagawa
CHIEF, DIVISION OF ENGINEERING, C & C HON.
(APPROVED FOR CONSTRUCTION W/IN CITY R/W ONLY)

8/2/90
DATE

SHIMABUKURO, ENDO & YOSHIZAKI, INC.
1126 12th Avenue
Honolulu, Hawaii 96816



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.
Harold I. Yoshizaki

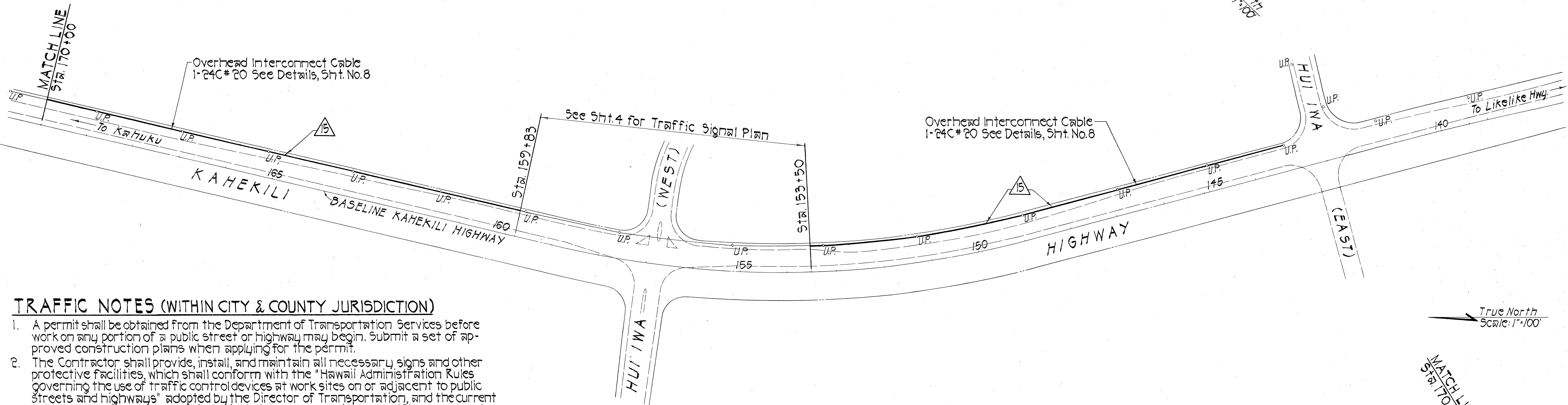
7/10/01 Remove Existing and Install
New Traffic Signal Heads,
B-1, C-1, G-1 & H-3

DATE REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TRAFFIC SIGNAL SYSTEM PLAN
KAHEKILI HIGHWAY TRAFFIC SIGNALS
AT HUI IWA STREET (WEST)
PROJECT NO. 83F-02-90

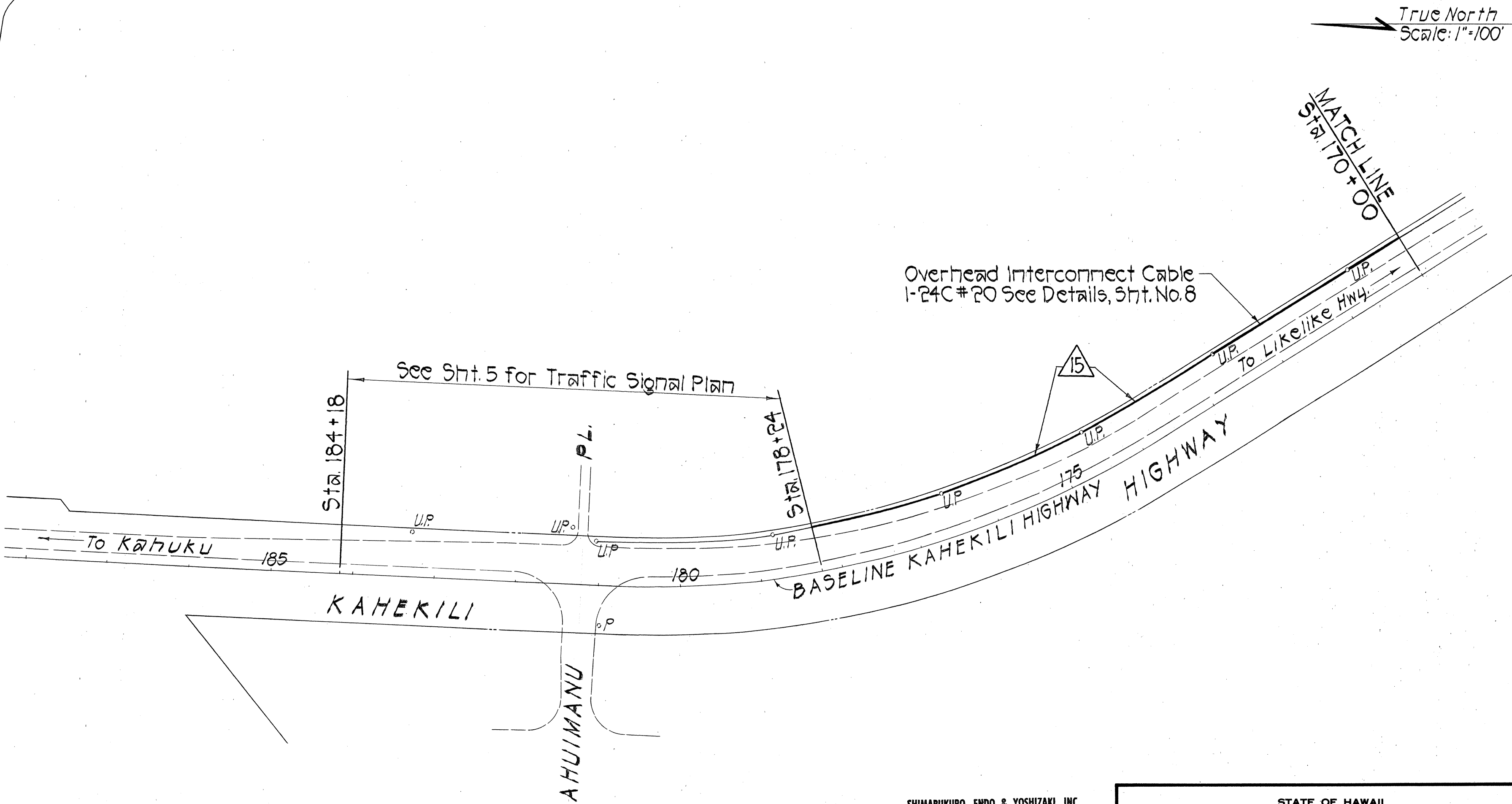
SCALE: AS NOTED DATE: OCTOBER 1990
SHEET NO. 1 OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83F-02-90	1991	6	9



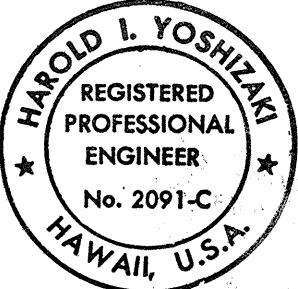
TRAFFIC NOTES (WITHIN CITY & COUNTY JURISDICTION)

1. A permit shall be obtained from the Department of Transportation Services before work on any portion of a public street or highway may begin. Submit a set of approved construction plans when applying for the permit.
2. The Contractor shall provide, install, and maintain all necessary signs and other protective facilities, which shall conform with the "Hawaii Administration Rules governing the use of traffic control devices at work sites on or adjacent to public streets and highways" adopted by the Director of Transportation, and the current U.S. Federal Highway Administration's "Manual on uniform traffic control devices for streets and highways, Part VI - Traffic Controls for Street and Highway Construction and Maintenance Operations."
3. Work on any city street area may be performed only between the hours of 8:00 A.M. to 3:30 P.M., Monday through Friday, unless otherwise permitted by the Department of Transportation Services.
4. During working hours, the Contractor shall provide two lanes for through traffic. On streets too narrow to make this practicable, the Contractor may work on one-half of the roadway, keeping the other half open to traffic and alternating the flow of traffic.
5. During non-working hours, all trenches shall be covered with a safe non-skid bridging material and all lanes shall be opened to traffic.
6. As required by the Department of Transportation Services, the Contractor shall provide off-duty police officers to control the flow of traffic.
7. Where pedestrian walkways exist, they shall be maintained in passable condition or other facilities for pedestrian shall be provided. Passage between walkways at intersections shall likewise be provided.
8. Driveways shall be kept open unless the owners of the property using these Rights-of-Way are otherwise provided for satisfactorily.
9. No material and/or equipment shall be stockpiled or otherwise stored within street Rights-of-Way except at locations designated in writing and approved by the Department of Transportation Services.
10. The Contractor shall reference, to the approval of the Department of Transportation Services, all existing traffic signs, posts and pavement markings prior to the commencement of construction. The Contractor shall replace or repair all traffic signs, posts, and pavement markings disturbed by his activities. The Contractor shall notify the Department of Transportation Services at 523-4029 one (1) week prior to any work to be done on signs, posts and pavement markings.
11. The Contractor shall notify MTL, John Chong (848-4538) or Kenneth Hong (848-4537), two weeks prior to construction, informing them of location, scope of work, proposed closure of any street or traffic lanes, and the need to relocate any bus stop.



INTERCONNECTION PLAN
Scale: 1"=100'

SHIMABUKURO, ENDO & YOSHIZAKI, INC.
1126 12th Avenue
Honolulu, Hawaii 96816



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.
Harold I. Yoshizaki

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**TRAFFIC SIGNAL
INTERCONNECTION PLAN**
KAHEKILI HIGHWAY TRAFFIC SIGNALS
PROJECT NO. 83F-02-90

SCALE: AS NOTED DATE: OCTOBER 1990
SHEET No. 3 OF 3 SHEETS