

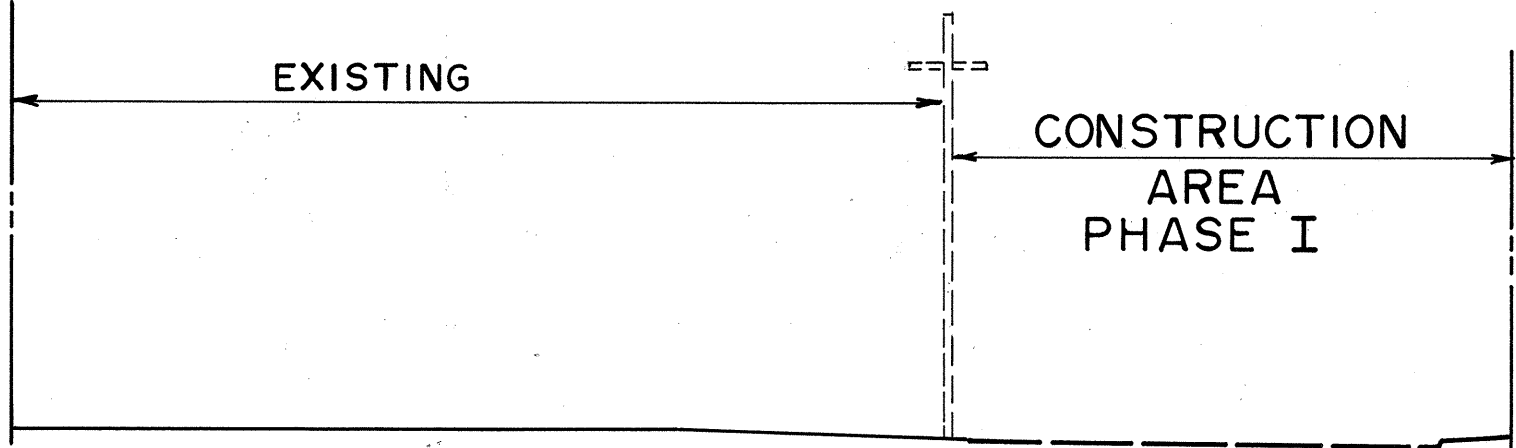
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-072-1(34)B	1991	6	173

CONSTRUCTION

DESCRIPTION OF MAJOR WORK
(SEE CONSTRUCTION PHASE SIGNING & MARKING PLANS)

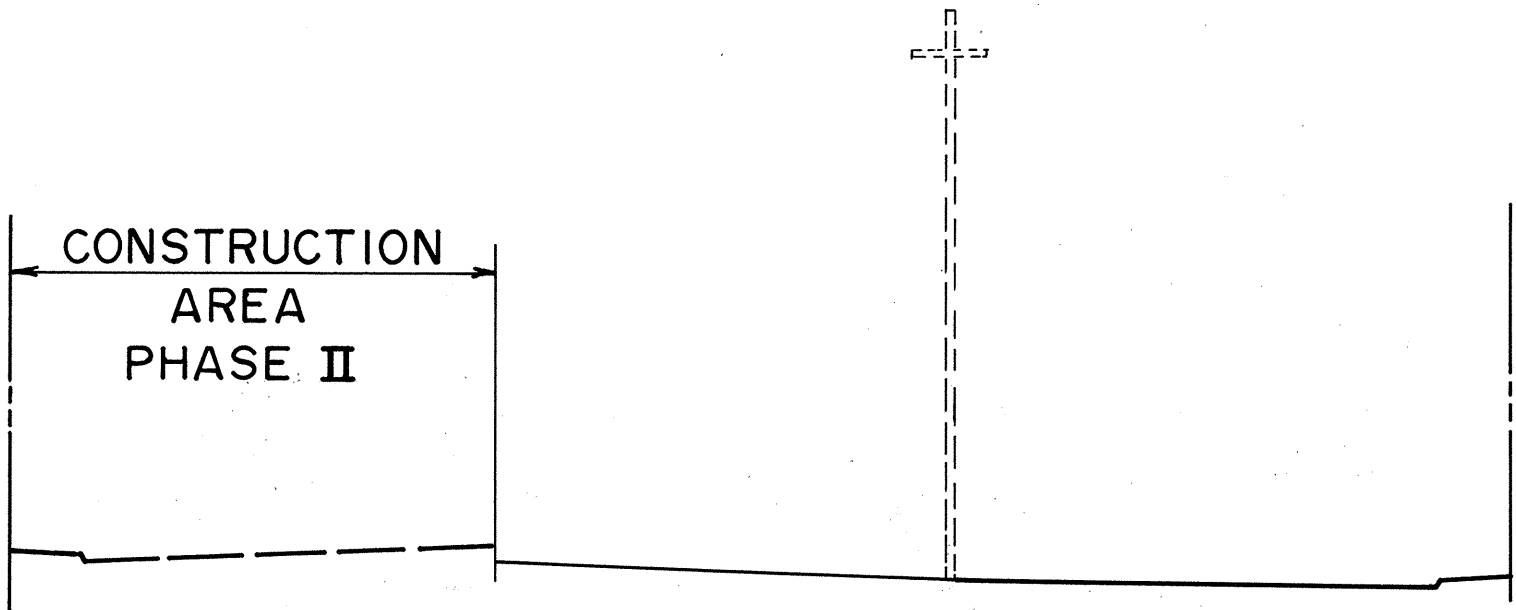
PHASE I

DEMOLITION, REMOVAL, TEMPORARY PAVING, TEMPORARY CONCRETE BARRIER, UTILITY RELOCATION OF NIU BRIDGE, BRIDGE WIDENING, TEMPORARY RELOCATION OF OVERHEAD POLES, RELOCATION OF SEWER MAIN AND 24-INCH WATER MAIN BETWEEN HAWAII LOA STREET AND ROAD STATION 153.
ALL CONSTRUCTION WORK WITHIN PHASE I CONSTRUCTION AREA INCLUDING UNDERGROUND DUCT BANKS, NEW 16-INCH WATER MAIN WITH LATERALS, CURB AND SIDEWALKS, PAVEMENTS, SIGNING AND PAVEMENT MARKING FOR PHASE II.
TURN OVER COMPLETED UNDERGROUND DUCTS TO UTILITY COMPANIES FOR THEIR CABLE PULLING WORK (FROM STATION 124 TO STATION 132+). (FROM STATION 149 TO STATION 177+).



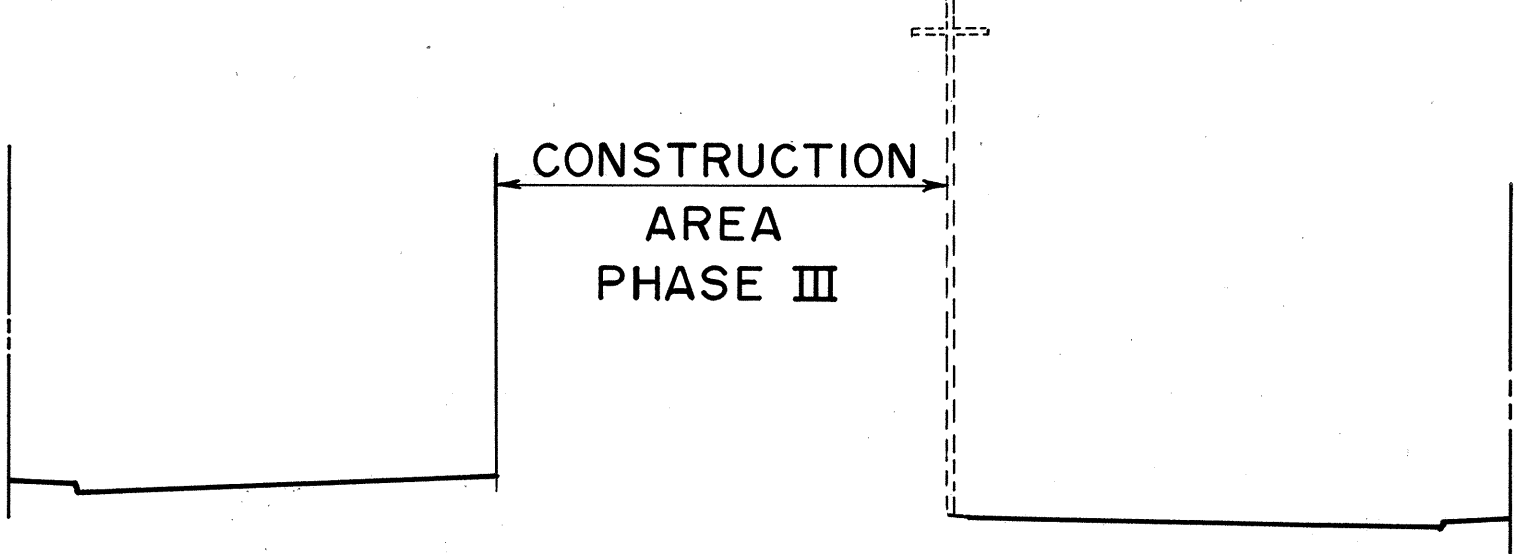
PHASE II

DETOUR TRAFFIC AND SIGNAL HEADS MODIFICATION, TEMPORARY CONCRETE BARRIER RELOCATION.
ALL CONSTRUCTION WORK WITHIN PHASE II CONSTRUCTION AREA INCLUDING UNDERGROUND DUCT BANKS, NEW 16-INCH WATER MAIN WITH LATERALS, CURB AND SIDEWALK, PAVEMENTS, SIGNING AND PAVEMENT MARKING FOR PHASE III.
TURN OVER COMPLETED UNDERGROUND DUCT BANKS TO UTILITY COMPANIES FOR THEIR CABLE PULLING WORK (STATION 132+ TO STATION 149).



PHASE III

DETOUR TRAFFIC AND SIGNAL HEADS, TEMPORARY CONCRETE BARRIER RELOCATION.
ALL CONSTRUCTION WORK WITHIN PHASE III CONSTRUCTION AREA INCLUDING REMAINING UNDERGROUND UTILITIES, MEDIAN IRRIGATION AND LANDSCAPING, PERMANENT SIGNING AND PAVEMENT MARKINGS, REMOVAL OF TEMPORARY CONCRETE BARRIERS, REMOVAL OF REMAINING OVERHEAD UTILITY POLES AFTER UTILITY ENERGIZING PERMANENT STREET LIGHTING, TRAFFIC WORK.



CONCEPTUAL CONSTRUCTION SCHEDULE

NOTE: THIS SCHEDULE IS PROVIDED ONLY FOR GENERAL INFORMATION. THE CONTRACTOR IS FULLY RESPONSIBLE FOR THE DEVELOPMENT OF PROGRESS SCHEDULE AND CONSTRUCTION PHASING.

CONSTRUCTION	CALENDAR DAYS											
	60	120	180	240	300	360	420	480	540	600	660	720
PHASE I												
PHASE II												
PHASE III												

- ① UNDERGROUND DUCT AND MANHOLE/HANDHOLE CONSTRUCTION WORK TO BE COMPLETED BY THE CONTRACTOR, FROM STATION 149+ TO STATION 177+ EXCEPT AT NIU STREAM BRIDGE. CABLE WORK TO BE COMMENCED BY THE UTILITY COMPANIES (HECO, HTC AND CABLE TV).
- ② UNDERGROUND DUCT AND MANHOLE/HANDHOLE CONSTRUCTION WORK TO BE COMPLETED BY THE CONTRACTOR, FROM STATION 124 TO STATION 132+ AND FROM STATION 165 TO STATION 167+. CABLE WORK TO BE COMMENCED BY THE UTILITY COMPANIES (HECO, HTC AND CABLE TV).
- ③ UNDERGROUND DUCT AND MANHOLE/HANDHOLE CONSTRUCTION WORK TO BE COMPLETED BY THE CONTRACTOR, FROM STATION 132 TO STATION 149. CABLE WORK TO BE COMMENCED BY THE UTILITY COMPANIES (HECO, HTC AND CABLE TV).
- ④ ENERGIZE UNDERGROUND POWER BY UTILITY COMPANIES; THEN THE CONTRACTOR TO REMOVE ABANDONED UTILITY POLES.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	TRACED BY	
	DESIGNED BY	
	CHECKED BY	



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION PHASING

KALANIANA'OLE HIGHWAY
E. HIND DR. TO E. HALEMAUMAU ST.
F.A. PROJECT NO. F-072-1(34)B

DATE:

SHEET No. A-4 OF 4 SHEETS