

LEGEND

- 2 — Existing underground Hawaiian Electric Lines
- t — Existing underground Hawaiian Telephone Lines
- AC — Existing underground Army Signal Corps Lines
- mh Existing manhole
- emh Existing electric manhole
- mon. Existing street monument
- admh Existing storm drain manhole
- wv Existing water valve

UTILITIES NOTES

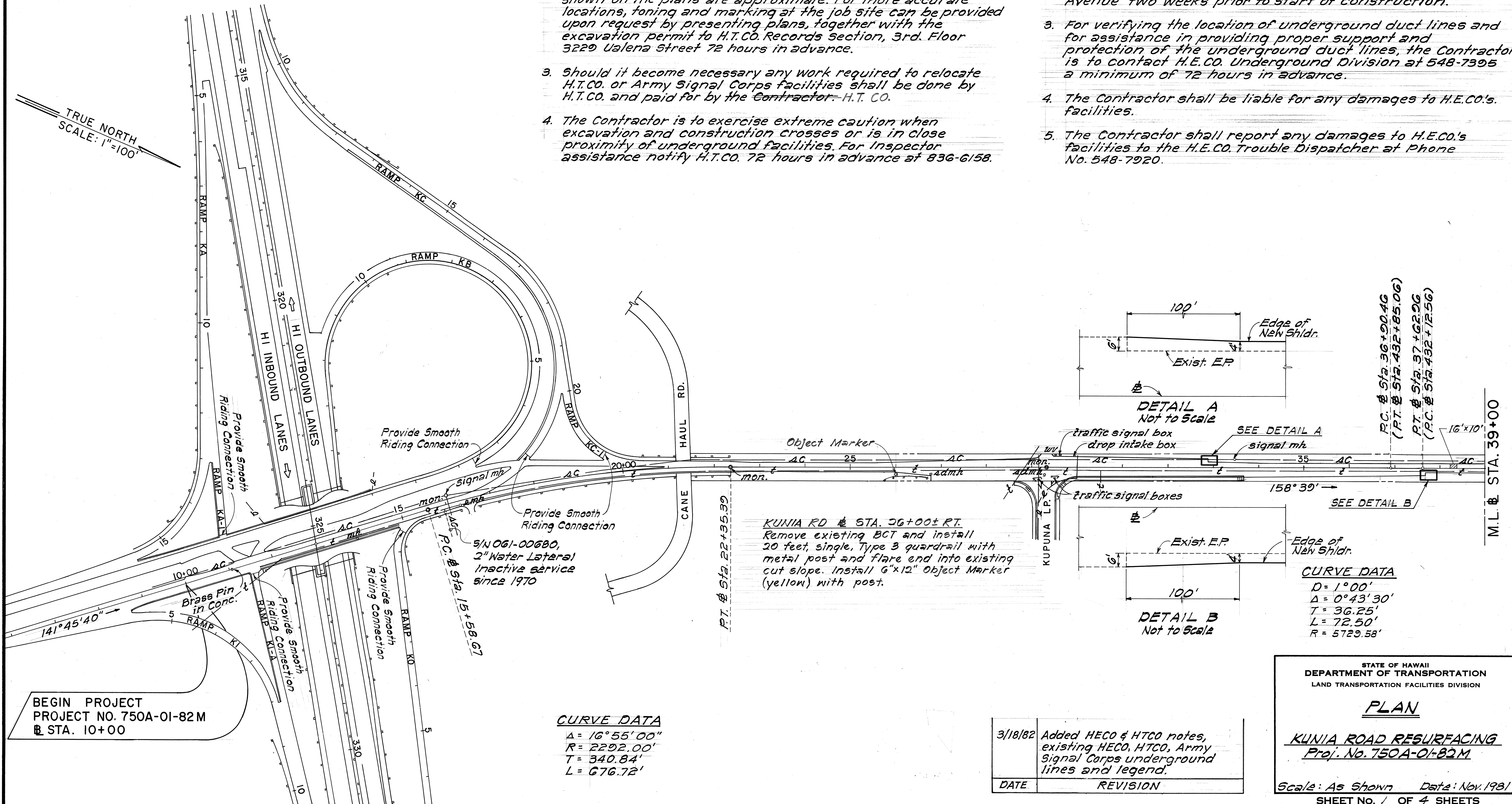
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	750A-01-82M	1982	5	24

HAWAIIAN TELEPHONE CO.

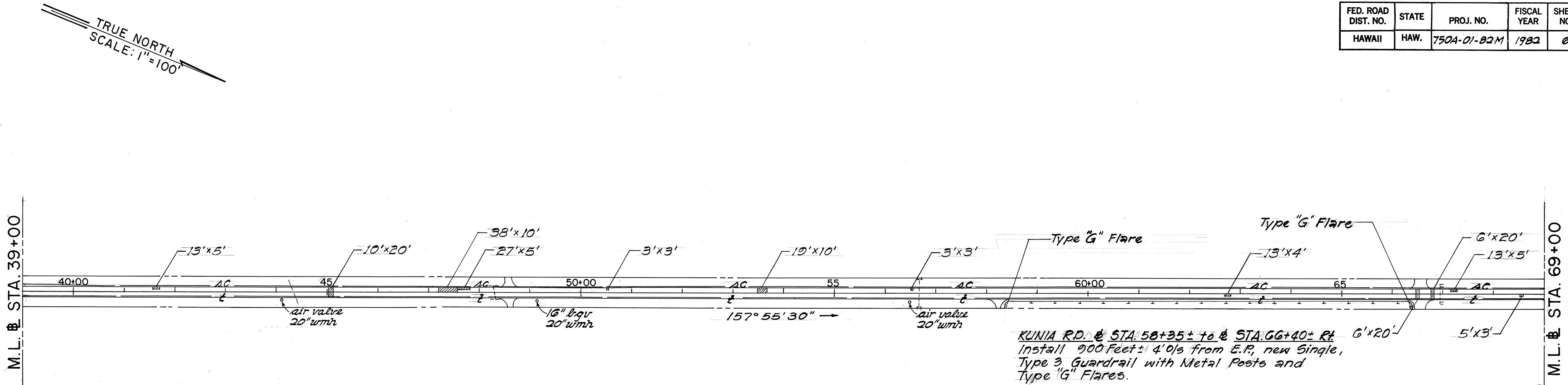
1. All existing H.T.CO. and Army Signal Corps facilities whether or not shown on the plans, shall be protected at all times by the Contractor during construction and any damage to them shall be repaired and paid for by the Contractor.
2. Locations of existing H.T.CO. and Army Signal Corps facilities shown on the plans are approximate. For more accurate locations, toning and marking at the job site can be provided upon request by presenting plans, together with the excavation permit to H.T.CO. Records section, 3rd. Floor 3220 Ualea Street 72 hours in advance.
3. Should it become necessary any work required to relocate H.T.CO. or Army Signal Corps facilities shall be done by H.T.CO. and paid for by the Contractor. H.T. CO.
4. The Contractor is to exercise extreme caution when excavation and construction crosses or is in close proximity of underground facilities. For Inspector assistance notify H.T.CO. 72 hours in advance at 836-6158.

HAWAIIAN ELECTRIC CO.

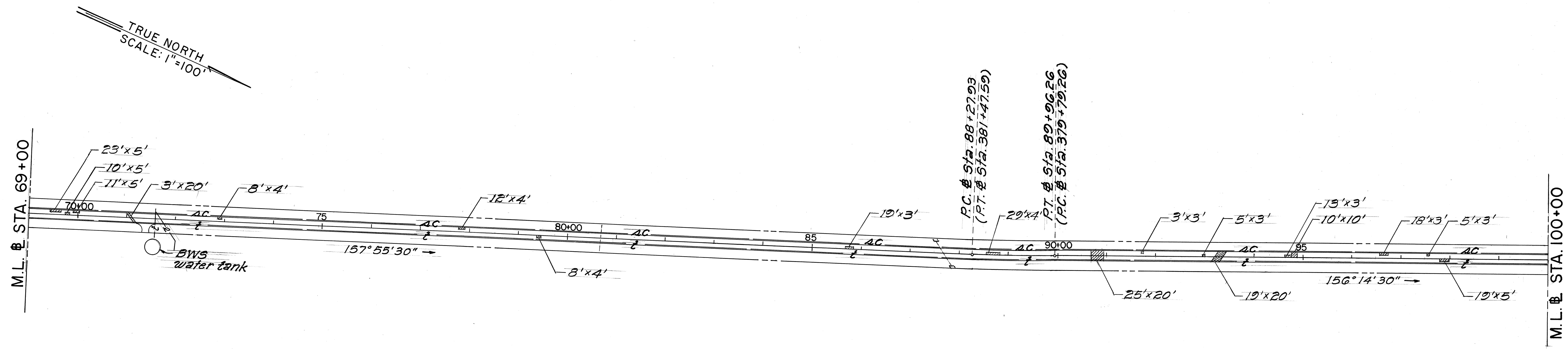
1. The Contractor is to exercise extreme caution when the excavation and construction crosses or is in close proximity of underground electrical facilities.
2. The Contractor is to obtain a clearance to excavate from H.E.CO. Mapping and Record Division, 4th. Floor, 820 Ward Avenue two weeks prior to start of construction.
3. For verifying the location of underground duct lines and for assistance in providing proper support and protection of the underground duct lines, the Contractor is to contact H.E.CO. Underground Division at 548-7395 a minimum of 72 hours in advance.
4. The Contractor shall be liable for any damages to H.E.CO.'s facilities.
5. The Contractor shall report any damages to H.E.CO.'s facilities to the H.E.CO. Trouble Dispatcher at Phone No. 548-7920.



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	750A-01-82M	1982	6	24



KUNIA RD. @ STA. 58+35 ± to @ STA. 66+40 ± R/L
 Install 900 Feet ± 4' O's from E.P. new Single,
 Type 3 Guardrail with Metal Posts and
 Type "G" Flares.



CURVE DATA
 D = 1° 00'
 Δ = 1° 14'
 T = 84.17'
 L = 168.33'
 R = 5129.58'

3/18/82	Added existing HECO, HTCO, and Army Signal Corps underground lines.
DATE	REVISION

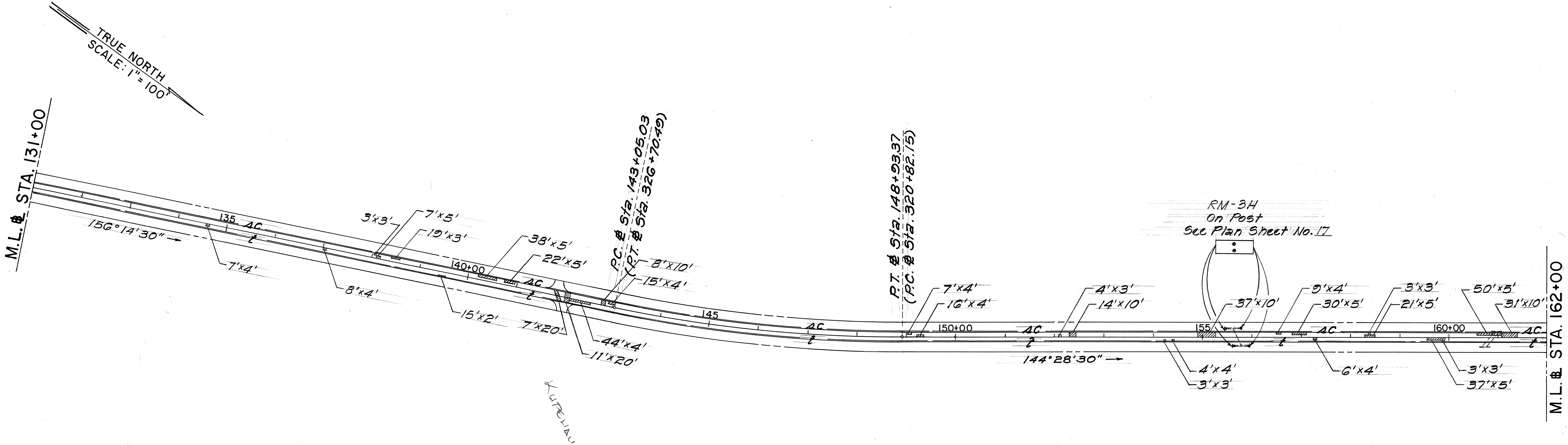
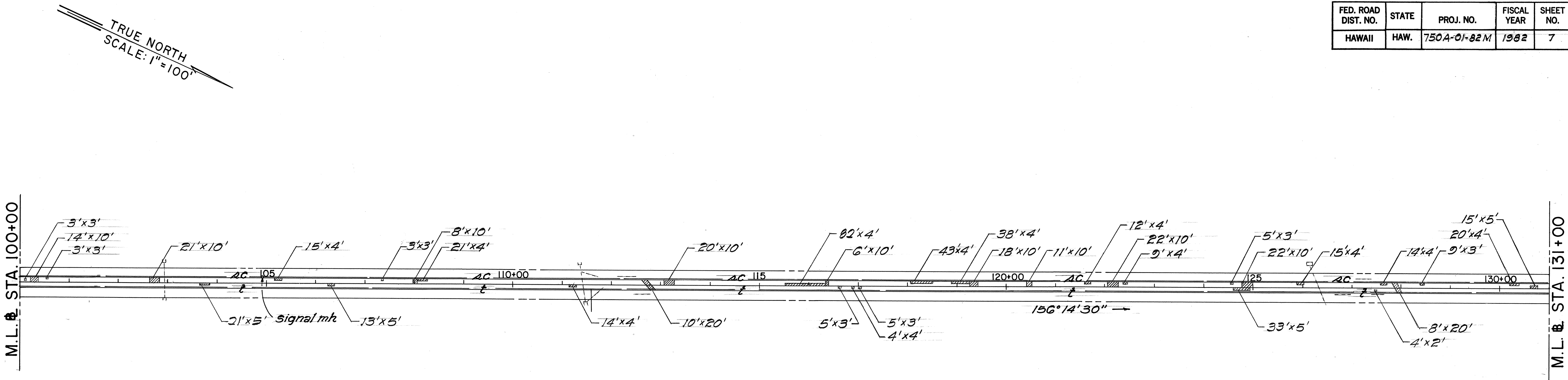
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 LAND TRANSPORTATION FACILITIES DIVISION

PLAN
 KUNIA ROAD RESURFACING
 Proj. No. 750A-01-82M

Scale: As Shown Date: Nov. 1981
 SHEET NO. 2 OF 4 SHEETS

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

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	750A-01-82M	1982	7	24



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

CURVE DATA

D= 2°00'
Δ= 11°46'
T= 205.22'
L= 588.34'
R= 2864.79'

3/18/82	Added existing HTCO and Army Signal Corps underground lines.
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

PLAN

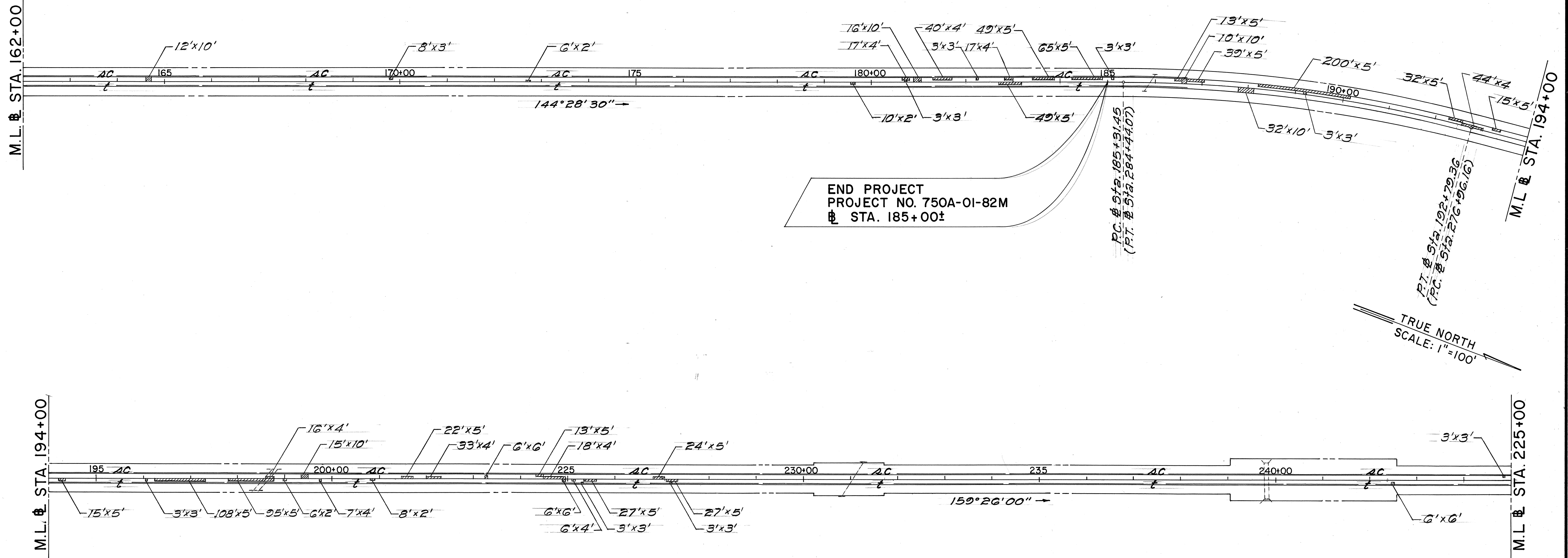
KUNIA ROAD RESURFACING
Proj. No. 750A-01-82M

Scale: As Shown Date: Nov. 1981
SHEET NO. 3 OF 4 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	750A-01-82M	1982	8	24

CURVE DATA
D = 2°00'
Δ = 14°57'30"
T = 376.12'
L = 747.91'
R = 2864.79

TRUE NORTH
SCALE: 1"=100'



END PROJECT
PROJECT NO. 750A-01-82M
M.L. STA. 185+00±

P.C. # Sta. 185+31.45
(P.T. # Sta. 284+44.07)

P.T. # Sta. 192+79.36
(P.C. # Sta. 276+96.16)

TRUE NORTH
SCALE: 1"=100'

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
TRACED BY		
DESIGNED BY		
CHECKED BY		
NO.		

3/18/82	Added existing HTCO and Army Signal Corps underground lines.
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

PLAN

KUNIA ROAD RESURFACING
Proj. No. 750A-01-82M

Scale: As Shown Date: Nov. 1981
SHEET NO. 4 OF 4 SHEETS