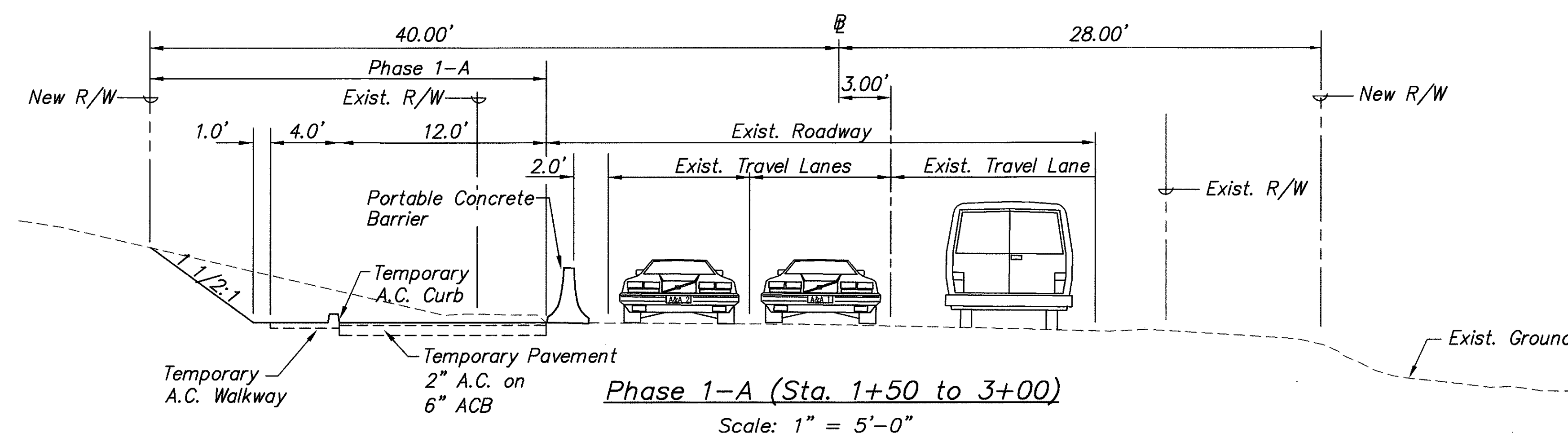
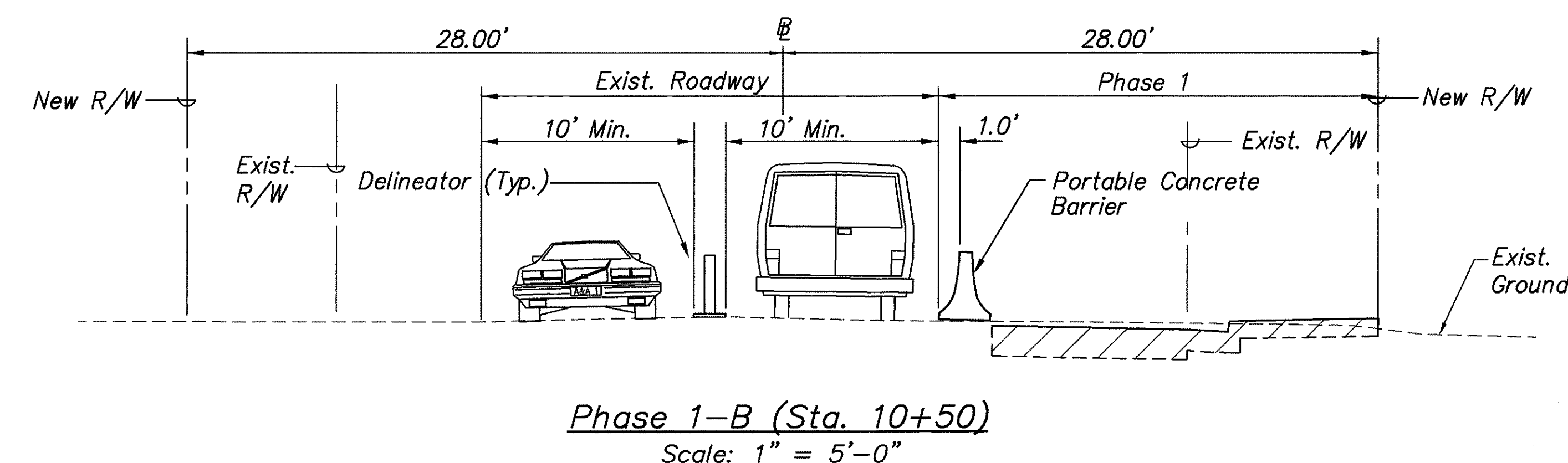
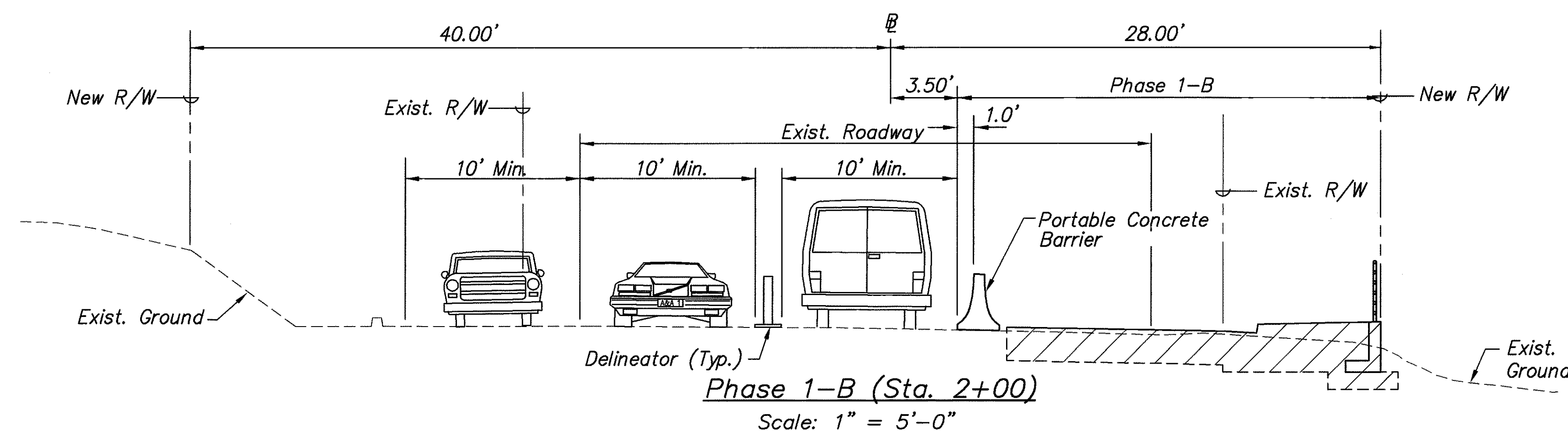
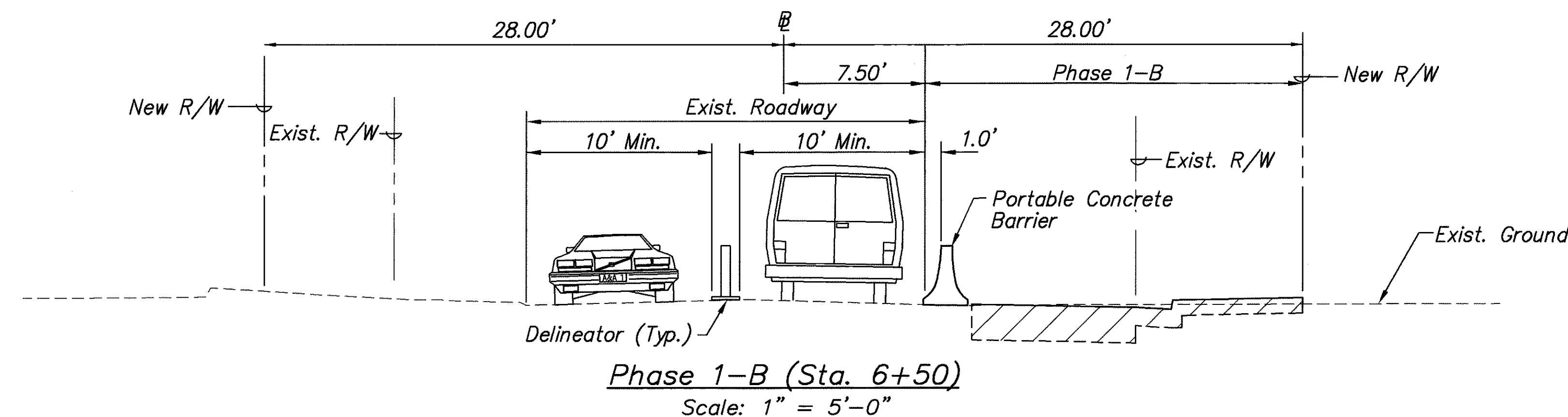
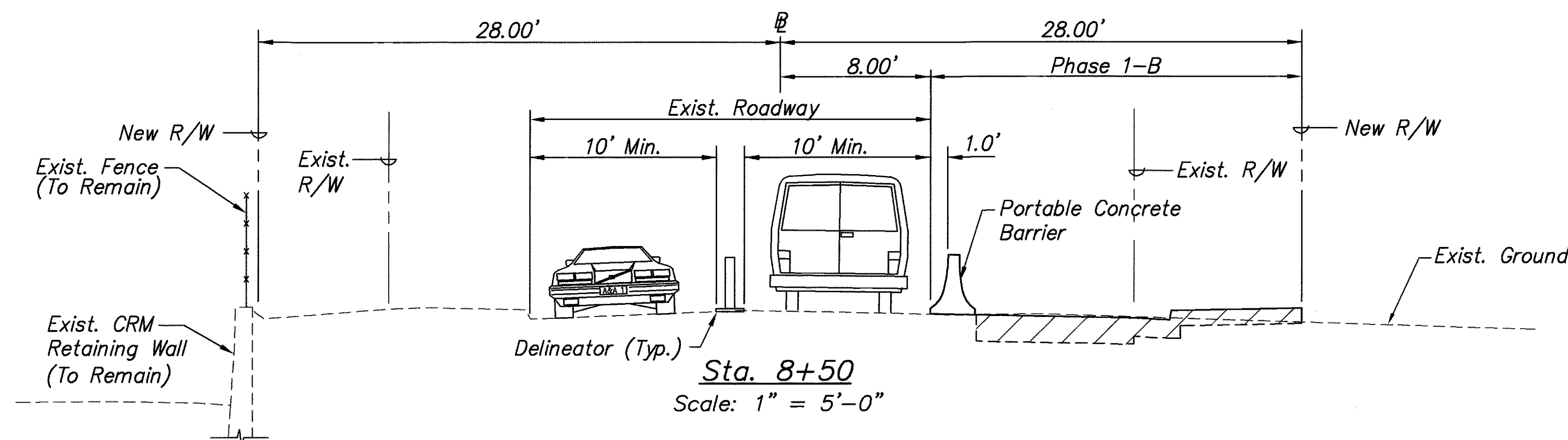


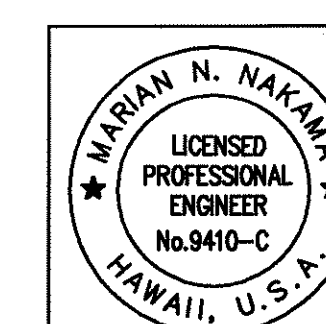
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-03-97	2000	47	110



NOTE: Contractor shall construct temporary improvements in Phase 1-A and make it available to traffic before proceeding to the permanent improvements in Phase 1-B.

Approved:

Chief, ~~Traffic~~ Review Branch
Dept. of Planning & Permitting
City & County of Honolulu
(For work within City R/W only)



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
CONSTRUCTION PHASING PLAN
TYPICAL SECTIONS – PHASE 1
KEAAHALA ROAD WIDENING
KAHEKILI HIGHWAY TO PO'OKELA STREET
State Project No. HWY-0-03-97
Scale: As shown *Date: April 2000*
SHEET NO. C-47 OF C-55 SHEETS

P.M.: STY
CURRENT OPR: rgq
CURRENT TIME: Apr 24, 2000 - 10:34am
LAST SAVED BY:
LAST MODIFIED: Mon, 24 Apr 2000 - 9:04am

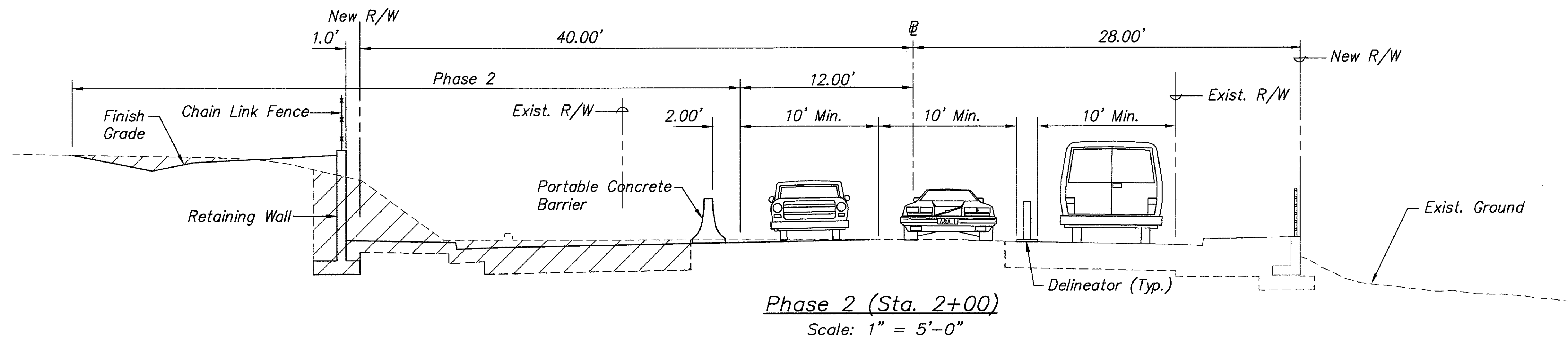
PREFIX: G:\DOTH9501\ACAD\
FILE: Dot95127.DWG
BEGIN: 12/01/99
SCALE: 1=5

ORIGINAL PLAN	SURVEY PLOTTED BY _____ DATE _____
NOTEBOOK	DRAWN BY _____
	TRACED BY _____
	DESIGNED BY _____
	QUANTITIES BY _____

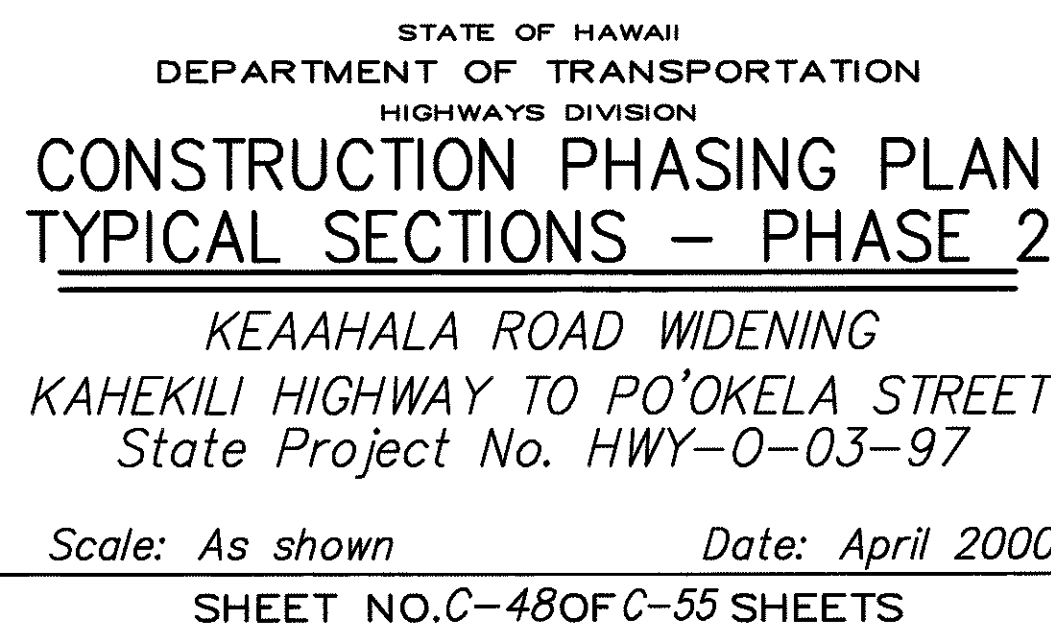
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CURRENT OPR: rgq
CURRENT TIME: Apr 24, 2000 — 10:35am
LAST SAVED BY:
LAST MODIFIED: Mon, 24 Apr 2000 — 9:21am

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BEGIN: 12/01/99
SCALE: 1=1

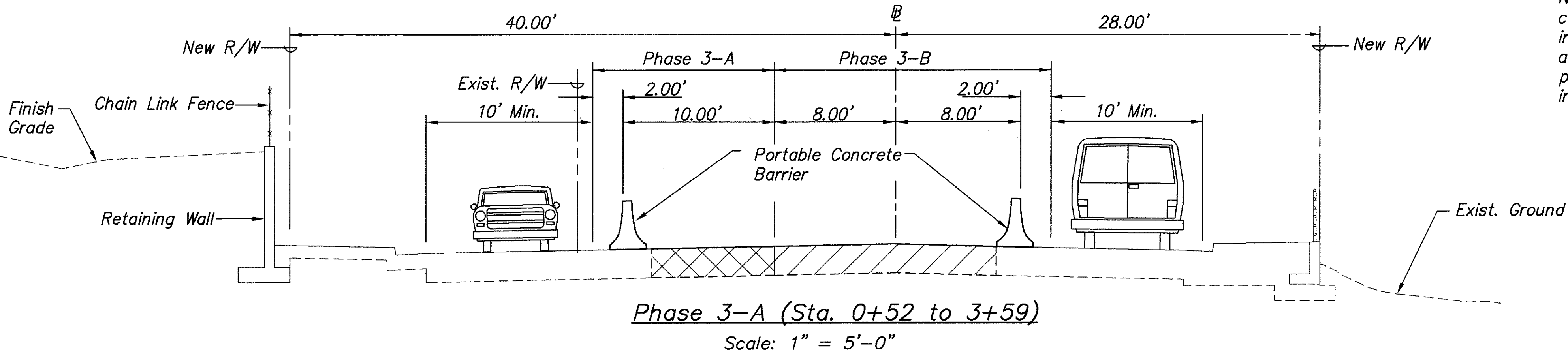
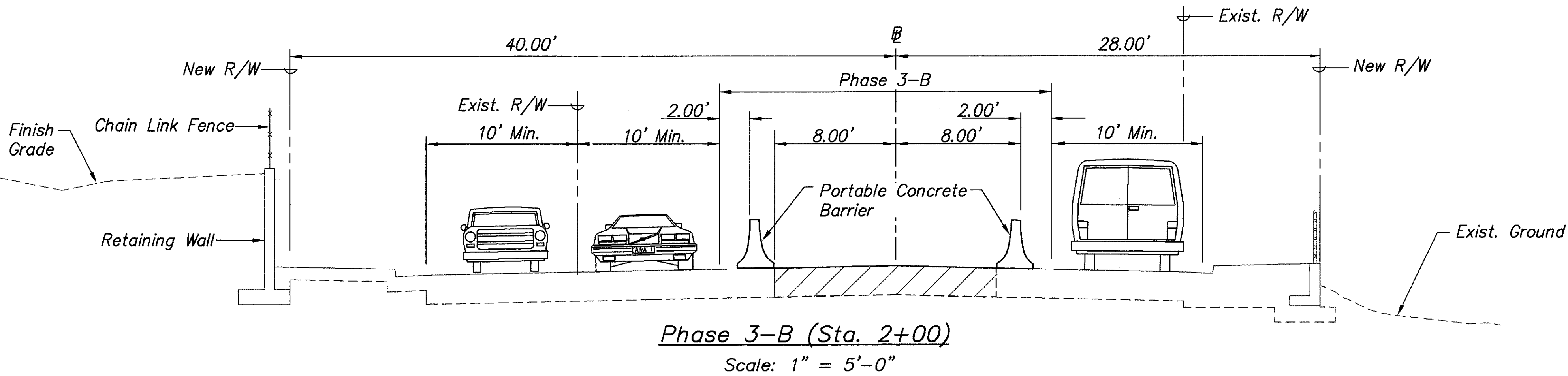
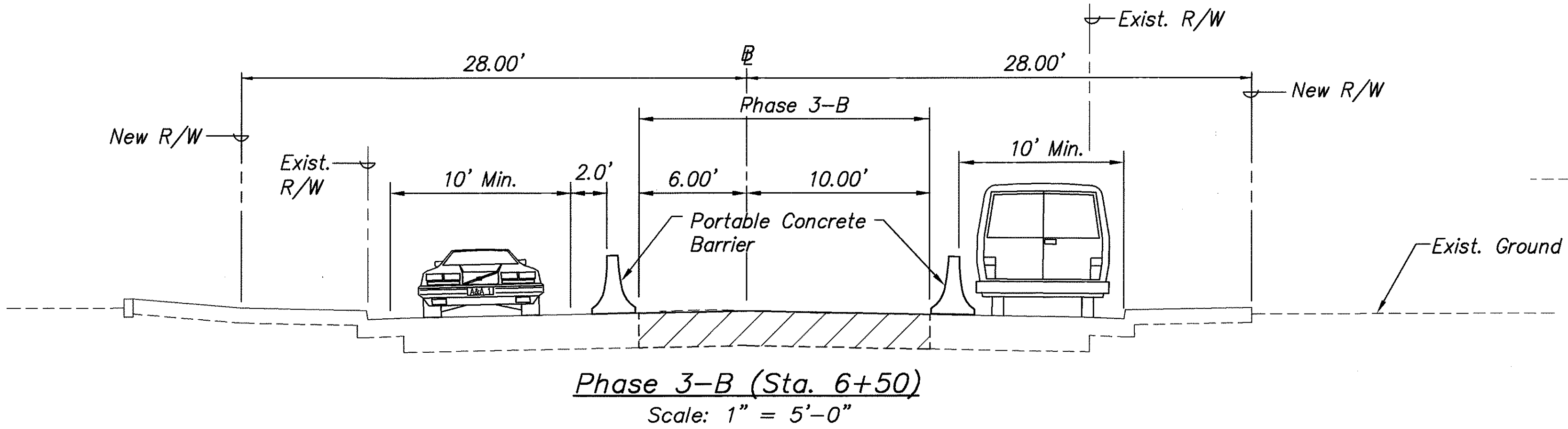
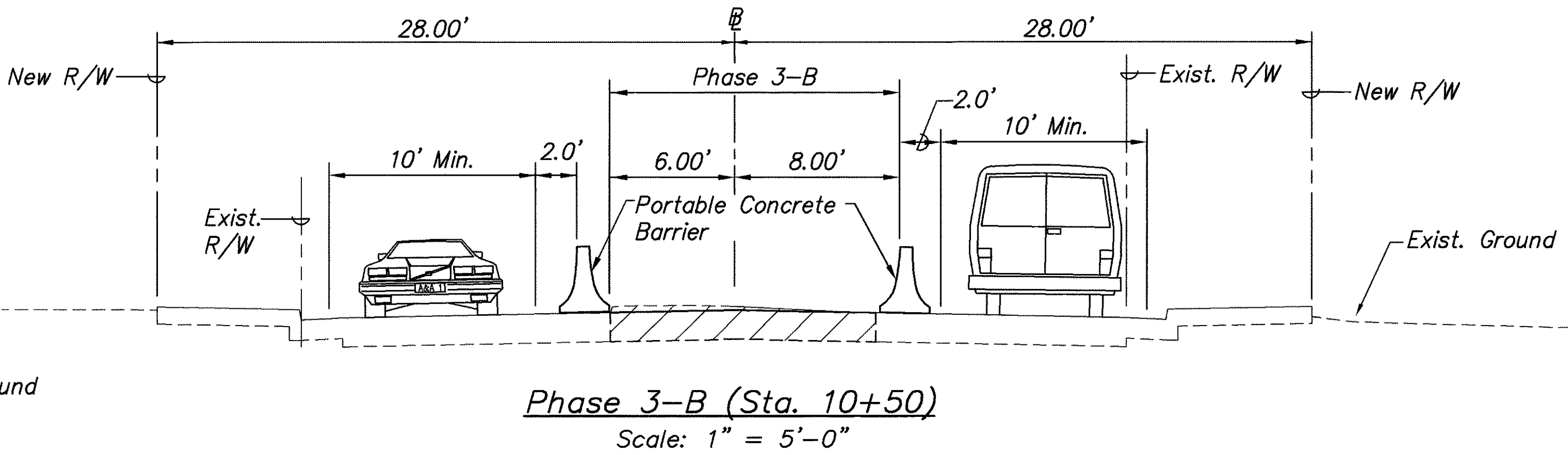
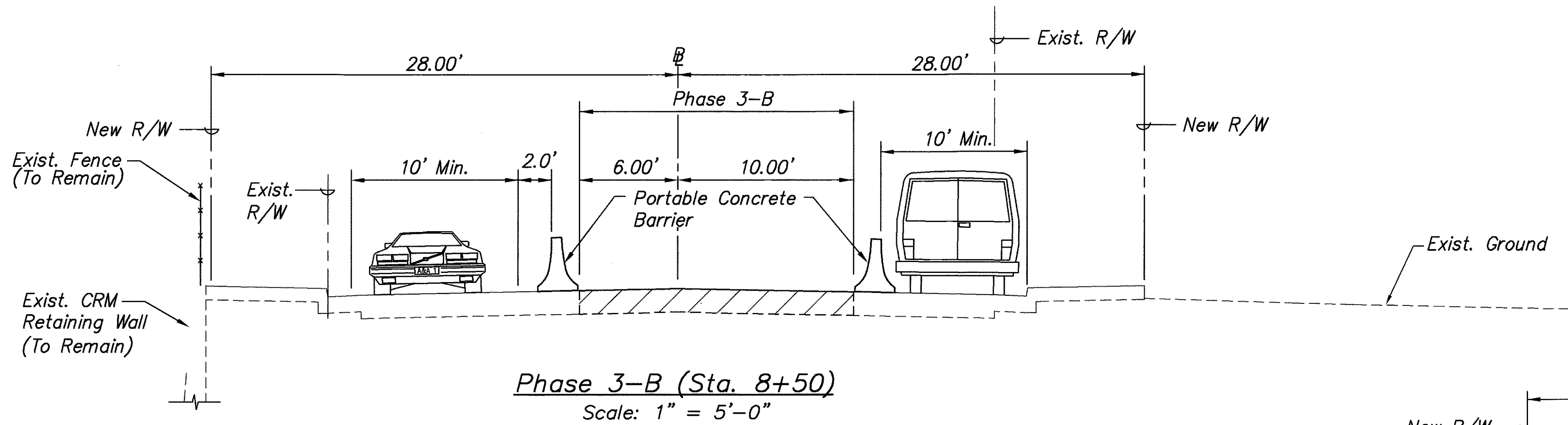
ORIGINAL PLAN	SURVEY PLOTTED BY _____ DATE _____
NOTEBOOK	DRAWN BY _____ *
	TRACED BY _____ *
	DESIGNED BY _____ *
	QUANTITIES BY _____ *
No. _____	CHECKED BY _____ *



Chief, Traffic Review Branch
Dept. of Planning & Permitting
City & County of Honolulu
(For work within City R/W only)



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-03-97	2000	49	110



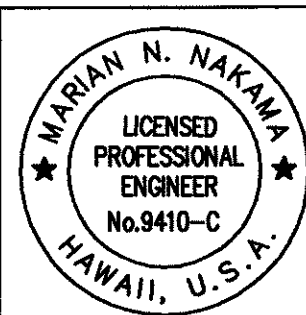
NOTE: Contractor shall complete construction of Phase 3-A improvements to allow for an additional lane of traffic before proceeding with the improvements in Phase 3-B.

- NOTE:
1. Work in Phase 3-A shall be conducted "off-peak" hours and steel plated as required during peak traffic periods.
 2. During peak hour periods, the Contractor shall provide for two lanes of traffic (Kahakili bound).

Approved:

[Signature]
Chief, Traffic Review Branch
Dept. of Planning & Permitting
City & County of Honolulu
(For work within City R/W only)

[Signature]
Date

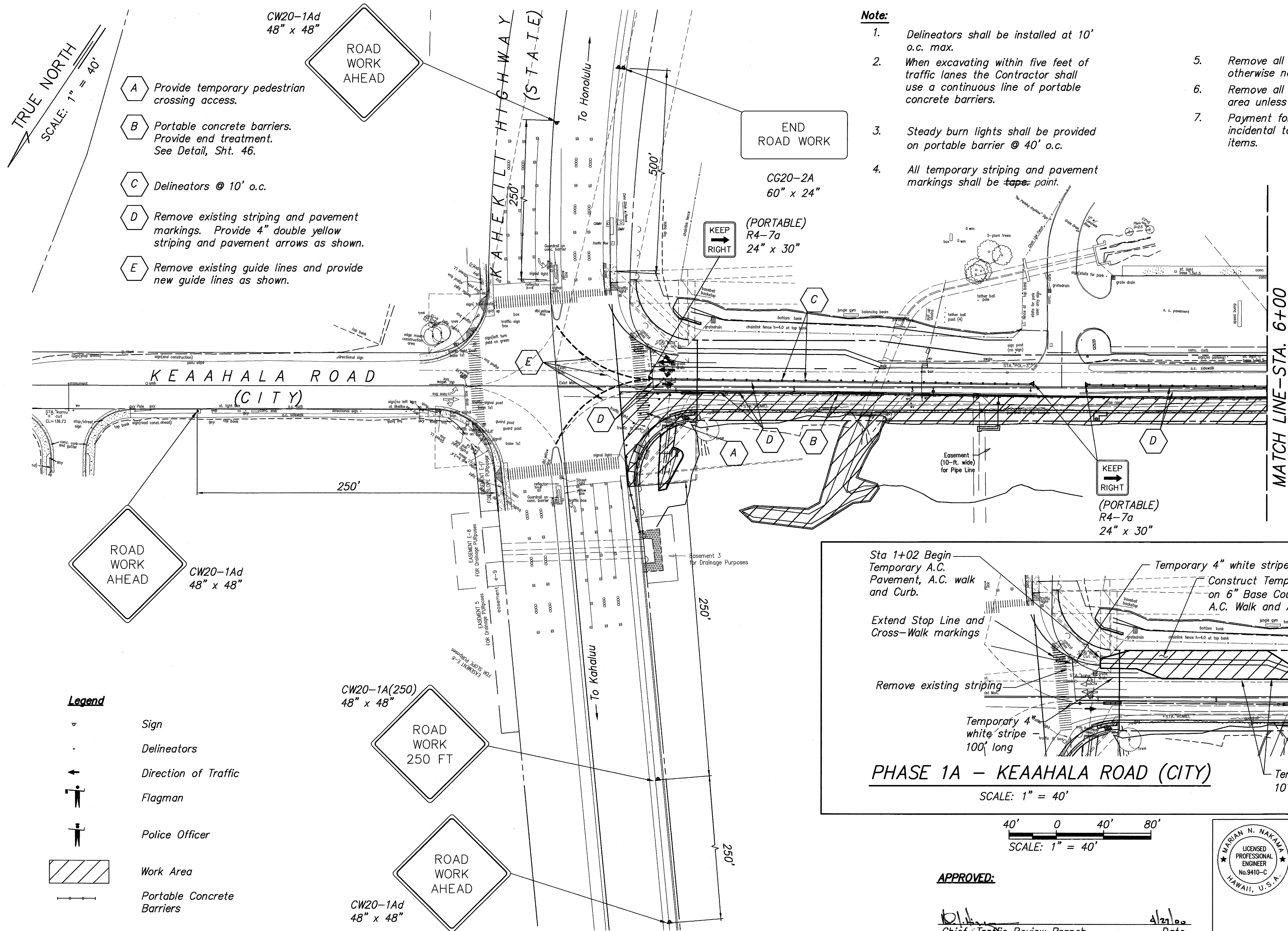


STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**CONSTRUCTION PHASING PLAN
TYPICAL SECTIONS - PHASE 3**
KEAAHALA ROAD WIDENING
KAHEKILI HIGHWAY TO PO'OKELA STREET
State Project No. HWY-0-03-97
Scale: As shown Date: April 2000
SHEET NO.C-49 OF C-55 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-03-97	2000	50	110

Note:

- Delineators shall be installed at 10' o.c. max.
- When excavating within five feet of traffic lanes the Contractor shall use a continuous line of portable concrete barriers.
- Steady burn lights shall be provided on portable barrier @ 40' o.c.
- All temporary striping and pavement markings shall be ~~tape~~ paint.
- Remove all existing striping unless otherwise noted.
- Remove all existing signs in the work area unless otherwise noted.
- Payment for Traffic Control shall be incidental to the various Contract items.



NOTE: The Contractor shall construct the temporary improvements in Phase 1-A and make it available to traffic before proceeding to the permanent improvements in Phase 1-B.

Sta 1+02 Begin
Temporary A.C.
Pavement, A.C. walk
and Curb.

Extend Stop Line and
Cross-Walk markings

Remove existing striping

Temporary 4"
white stripe -
100' long

PHASE 1A - KEAAHALA ROAD (CITY)

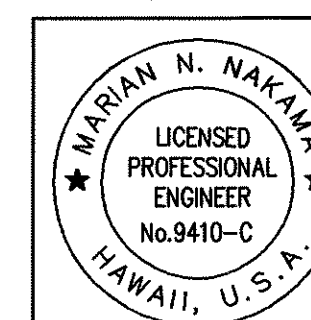
SCALE: 1" = 40'

40' 0 40' 80'
SCALE: 1" = 40'

APPROVED:

[Signature]
Chief, Traffic Review Branch
Dept. of Planning & Permitting
City & County of Honolulu
(For work within City R/W only)

4/21/00
Date



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**PHASE 1A & 1B CONSTRUCTION
PHASING PLAN BEGIN TO STA. 6+00**
KEAAHALA ROAD WIDENING
KAHEKILI HIGHWAY TO PO'OKELA STREET
State Project No. HWY-0-03-97
Scale: As shown Date: April 2000
SHEET NO.C-50 OF C-55 SHEETS

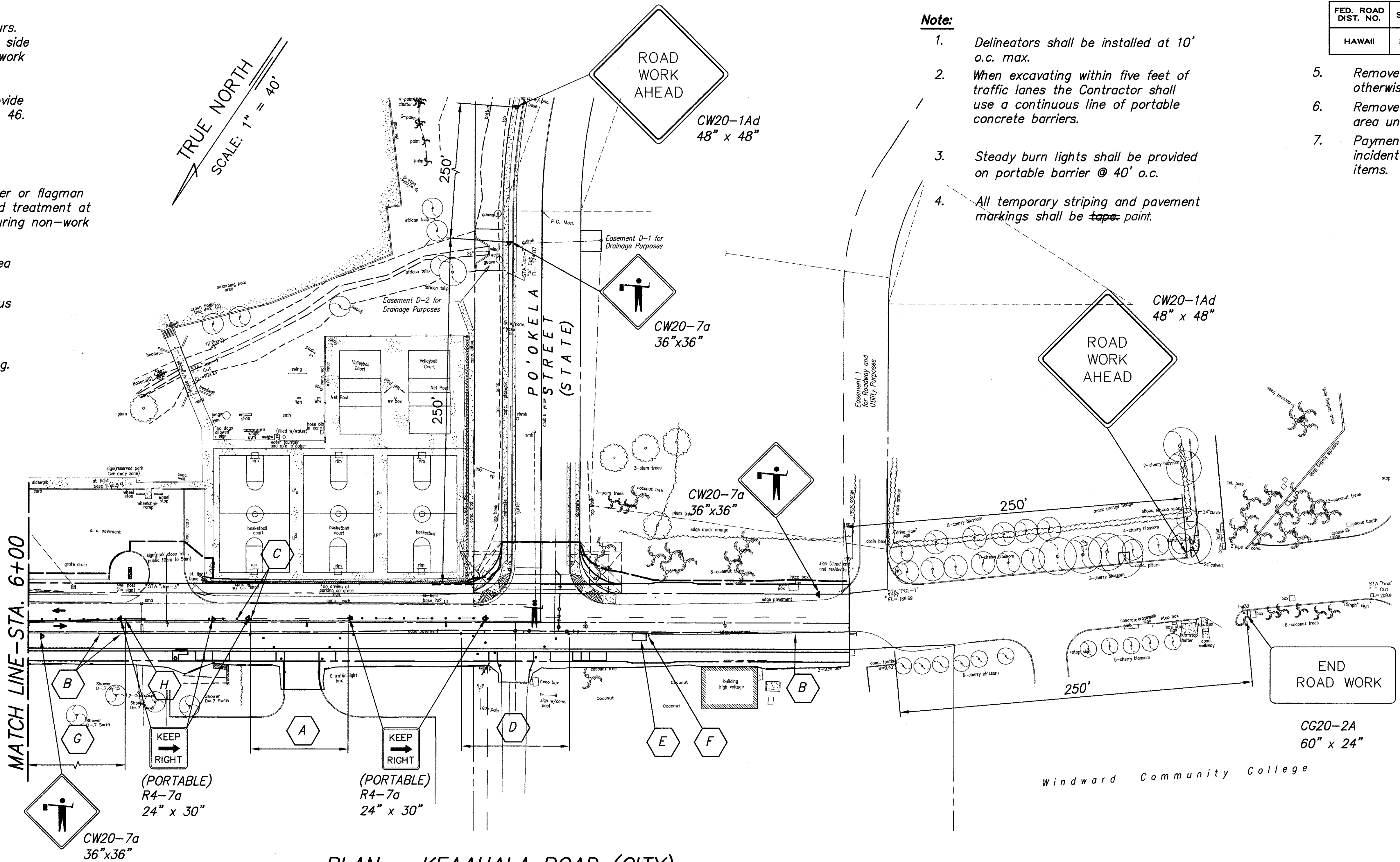
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-03-97	2000	51	110

Note:

1. Delineators shall be installed at 10' o.c. max.
2. When excavating within five feet of traffic lanes the Contractor shall use a continuous line of portable concrete barriers.
3. Steady burn lights shall be provided on portable barrier @ 40' o.c.
4. All temporary striping and pavement markings shall be ~~tape~~ paint.

5. Remove all existing striping unless otherwise noted.
6. Remove all existing signs in the work area unless otherwise noted.
7. Payment for Traffic Control shall be incidental to the various Contract items.

- A Provide access during work hours. Provide end treatment at each side of barrier opening during non-work hours. See Detail, Sht. 46.
- B Portable concrete barriers. Provide end treatment. See Detail, Sht. 46.
- C Delineators @ 10' o.c.
- D Provide access and police officer or flagman during work hours. Provide end treatment at each side of barrier opening during non-work hours. See Detail, Sht. 46.
- E Provide temporary bus stop area
- F Temporary portable relocated bus stop sign
- G Remove existing striping. Provide 4" double yellow striping.
- H Match-in to existing striping



PLAN - KEEAHALA ROAD (CITY)

SCALE: 1" = 40'

40' 0 40' 80'
SCALE: 1" = 40'

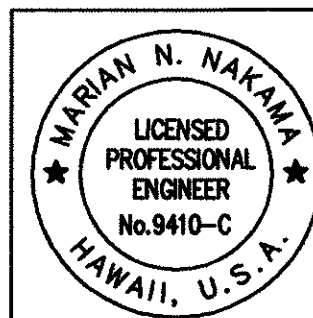
Legend

- Sign
- Delineators
- Direction of Traffic
- Flagman
- Police Officer
- Work Area
- Portable Concrete Barriers

APPROVED:

[Signature]
Chief, Traffic Review Branch
Dept. of Planning & Permitting
City & County of Honolulu
(For work within City R/W only)

[Signature]
Date



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PHASE 1-B CONSTRUCTION PHASING
PLAN STA. 6+00 TO END
KEEAHALA ROAD WIDENING
KAHEKILI HIGHWAY TO PO'OKELA STREET
State Project No. HWY-0-03-97

Scale: As shown Date: April 2000
SHEET NO.C-51 OF C-55 SHEETS

FILE: DOT95133
SCALE: 1"=40'
BEG: 07/19/99

PM: STY 146"
OPER: SAJ*RCQ
REVISED: 04/21/00

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

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-03-97	2000	52	110

- Note:
1. Delineators shall be installed at 10' o.c. max.

2. When excavating within five feet of traffic lanes the Contractor shall use a continuous line of portable concrete barriers.

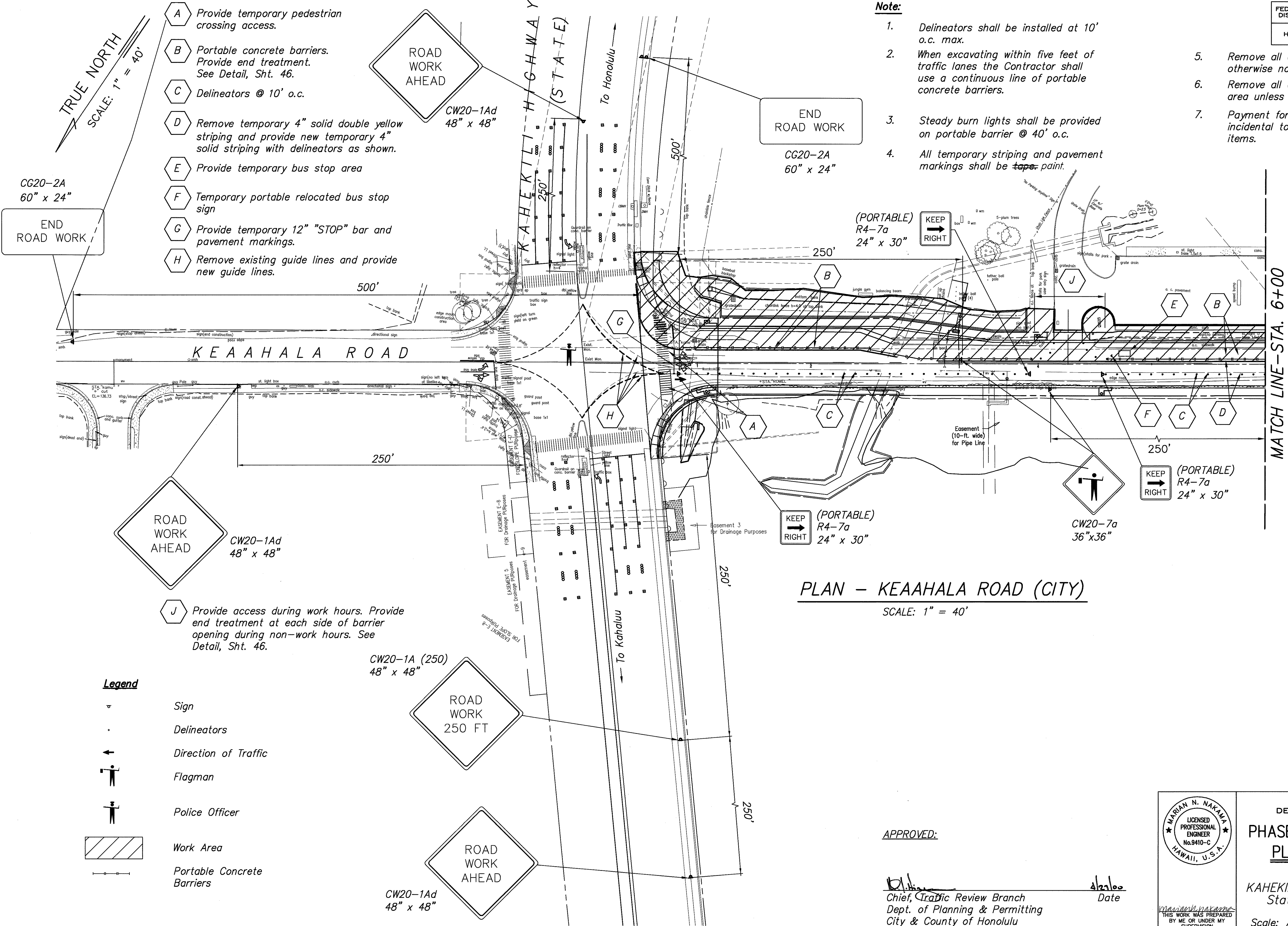
3. Steady burn lights shall be provided on portable barrier @ 40' o.c.

4. All temporary striping and pavement markings shall be ~~tape~~ paint.

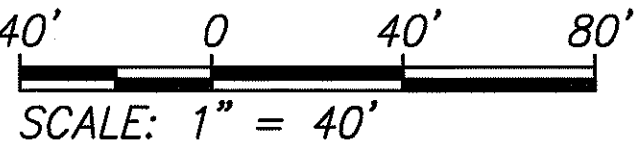
5. Remove all existing striping unless otherwise noted.

6. Remove all existing signs in the work area unless otherwise noted.

7. Payment for Traffic Control shall be incidental to the various contract items.



PLAN - KEAAHALA ROAD (CITY)
SCALE: 1" = 40'



MARIAN N. NAKAMA

LICENSED PROFESSIONAL ENGINEER

No.9410-C

HAWAII, U.S.A.

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

PHASE 2 CONSTRUCTION PHASING

PLAN BEGIN TO STA. 6+00

KEAAHALA ROAD WIDENING

KAHEKILI HIGHWAY TO PO'OKELA STREET

State Project No. HWY-0-03-97

Scale: As shown

Date: April 2000

SHEET NO.C-52 OF C-55 SHEETS

APPROVED:

Chief, Traffic Review Branch

Dept. of Planning & Permitting

City & County of Honolulu

(For work within City R/W only)

4/23/00

Date

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

FILE: DOT95134
 SCALE: 1"=40'
 BEG: 07/19/99
 PM: STY 146'
 OPER: SAL*RCQ
 REVISED: 04/19/00

Legend

- Sign
- Delineators
- Direction of Traffic
- Flagman
- Police Officer
- Work Area
- Portable Concrete Barriers

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-03-97	2000	53	110

- A

Provide access during work hours. Provide end treatment at each side of barrier opening during non-work hours. See Detail, Sht. 46.
- B

Portable concrete barriers. Provide end treatment. See Detail, Sht. 46.
- C

Delineators @ 10' o.c.
- D

Provide access and police officer or flagman during work hours. Contractor to complete construction of improvements on one side of intersection before proceeding with construction on other side of intersection to allow access to Po'okela Street at all times. Provide end treatment at each side of barrier opening during non-work hours. See Detail, Sht. 46.
- E

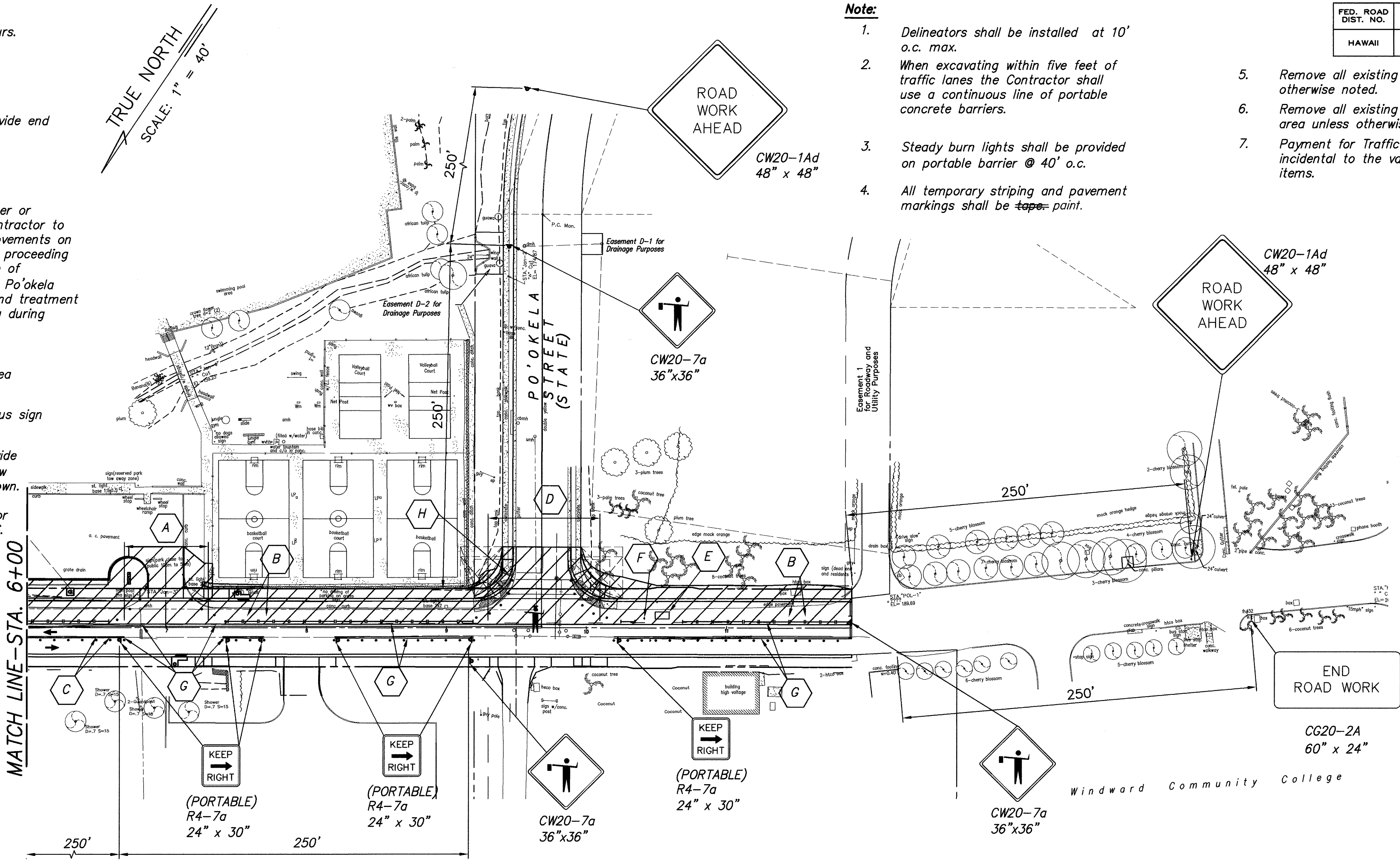
Provide temporary bus stop area
- F

Temporary portable relocated bus sign
- G

Remove existing striping. Provide temporary 4" solid double yellow striping with delineators as shown.
- H

Coordinate relocation/removal or existing mail box drop with U.S. Postal Service.

- Note:**
- Delineators shall be installed at 10' o.c. max.
 - When excavating within five feet of traffic lanes the Contractor shall use a continuous line of portable concrete barriers.
 - Steady burn lights shall be provided on portable barrier @ 40' o.c.
 - All temporary striping and pavement markings shall be ~~tape~~ paint.
 - Remove all existing striping unless otherwise noted.
 - Remove all existing signs in the work area unless otherwise noted.
 - Payment for Traffic Control shall be incidental to the various contract items.



Legend

- Sign

Delineators

Direction of Traffic

Flagman

Police Officer

Work Area

Portable Concrete Barriers

PLAN – KEAAHALA ROAD (CITY)

SCALE: 1" = 40'

APPROVED:

Chief, Traffic Review Branch

Dept. of Planning & Permitting

City & County of Honolulu

(For work within City R/W only)

Date

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

PHASE 2 CONSTRUCTION PHASING

PLAN STA. 6+00 TO END

KEAAHALA ROAD WIDENING

KAHEKILI HIGHWAY TO PO'OKELA STREET

State Project No. HWY-0-03-97

Scale: As shown

Date: April 2000

SHEET NO.C-53OF C-55 SHEETS

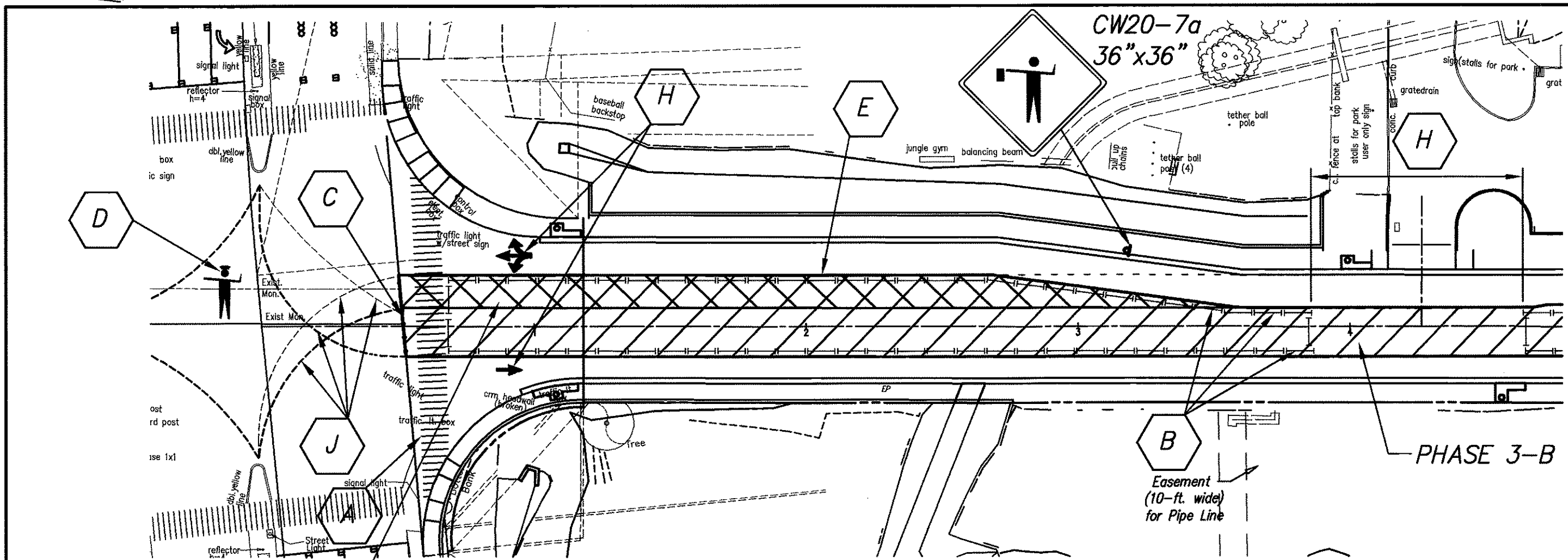
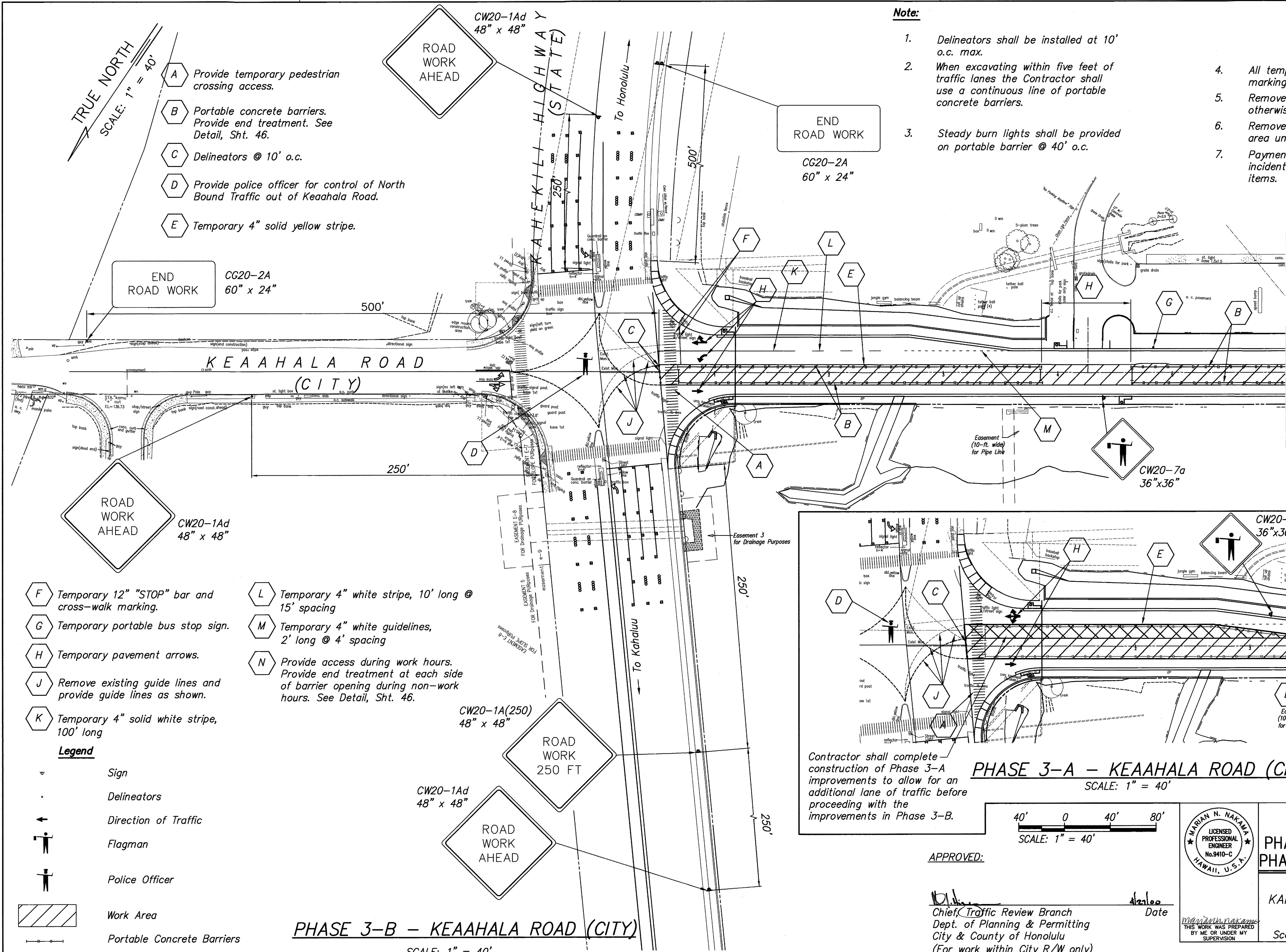
53

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-03-97	2000	54	110

Note:

- Delineators shall be installed at 10' o.c. max.
- When excavating within five feet of traffic lanes the Contractor shall use a continuous line of portable concrete barriers.
- Steady burn lights shall be provided on portable barrier @ 40' o.c.
- All temporary striping and pavement markings shall be ~~tape~~ paint.
- Remove all existing striping unless otherwise noted.
- Remove all existing signs in the work area unless otherwise noted.
- Payment for Traffic Control shall be incidental to the various contract items.

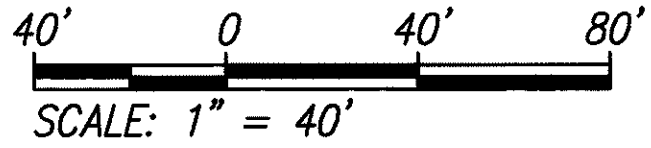
MATCH LINE-STA. 6+00



Contractor shall complete construction of Phase 3-A improvements to allow for an additional lane of traffic before proceeding with the improvements in Phase 3-B.

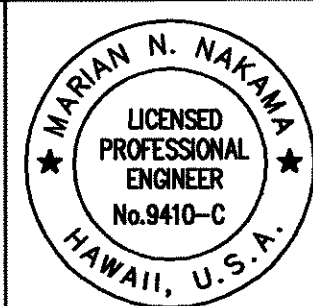
PHASE 3-A - KEAAHALA ROAD (CITY)

SCALE: 1" = 40'



APPROVED:

[Signature] Date *4/21/00*
Chief, Traffic Review Branch
Dept. of Planning & Permitting
City & County of Honolulu
(For work within City R/W only)



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PHASE 3-A & 3-B CONSTRUCTION PHASING PLAN BEGIN TO STA. 6+00

KEAAHALA ROAD WIDENING
KAHEKILI HIGHWAY TO PO'OKELA STREET
State Project No. HWY-0-03-97

Scale: As shown Date: April 2000
SHEET NO. C-54 OF C-55 SHEETS

FILE: DOT95136
SCALE: 1"=40'
BEG: 07/19/99

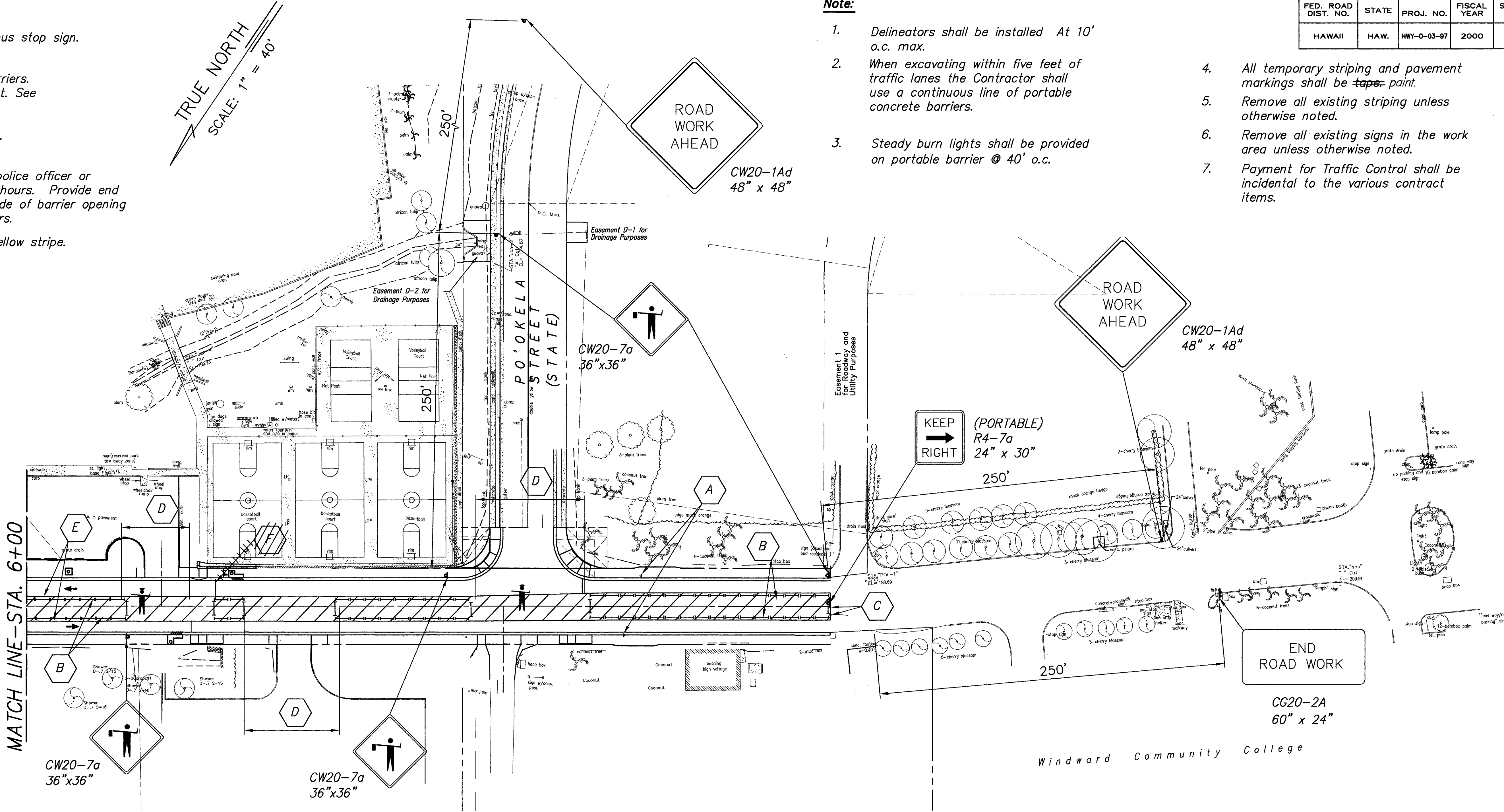
SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NO.	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-03-97	2000	55	110

- A Temporary portable bus stop sign.
- B Portable concrete barriers. Provide end treatment. See Detail, Sht. 46.
- C Delineators @ 10' o.c.
- D Provide access and police officer or flagman during work hours. Provide end treatment at each side of barrier opening during non-work hours.
- E Temporary 4" solid yellow stripe.

Note:

- Delineators shall be installed At 10' o.c. max.
- When excavating within five feet of traffic lanes the Contractor shall use a continuous line of portable concrete barriers.
- Steady burn lights shall be provided on portable barrier @ 40' o.c.
- All temporary striping and pavement markings shall be ~~tape~~ paint.
- Remove all existing striping unless otherwise noted.
- Remove all existing signs in the work area unless otherwise noted.
- Payment for Traffic Control shall be incidental to the various contract items.

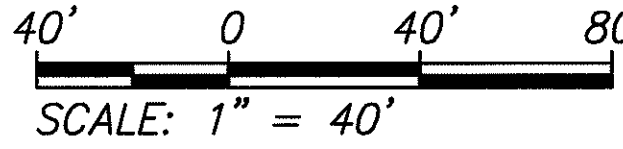


PLAN - KEEAHALA ROAD (CITY)

SCALE: 1" = 40'

Legend

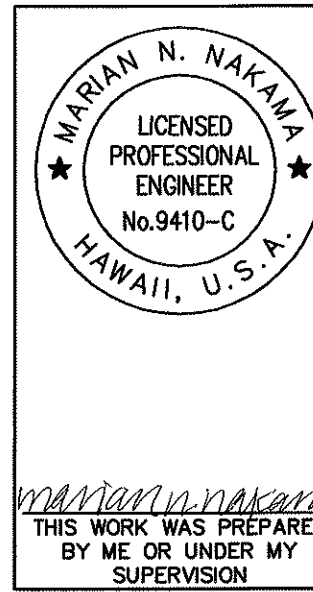
- Sign
- Delineators
- Direction of Traffic
- Flagman
- Police Officer
- Work Area
- Portable Concrete Barriers



APPROVED:

[Signature]
 Chief, Traffic Review Branch
 Dept. of Planning & Permitting
 City & County of Honolulu
 (For work within City R/W only)

[Signature] *4/21/00*
 Date



STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
PHASE 3-B CONSTRUCTION PHASING
PLAN STA. 6+00 TO END
 KEEAHALA ROAD WIDENING
 KAHEKILI HIGHWAY TO PO'OKELA STREET
 State Project No. HWY-0-03-97

Scale: As shown Date: April 2000

SHEET NO.C-55 OF C-55 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
NOTED BY	
CHECKED BY	
ORIGINAL PLAN	No.
NOTEBOOK	

PM: STY 146'
 OPER: SAI *RGQ
 REVISION: 04/27/00
 FILE: DOT95137
 SCALE: 1"=40'
 BEG: 07/19/99