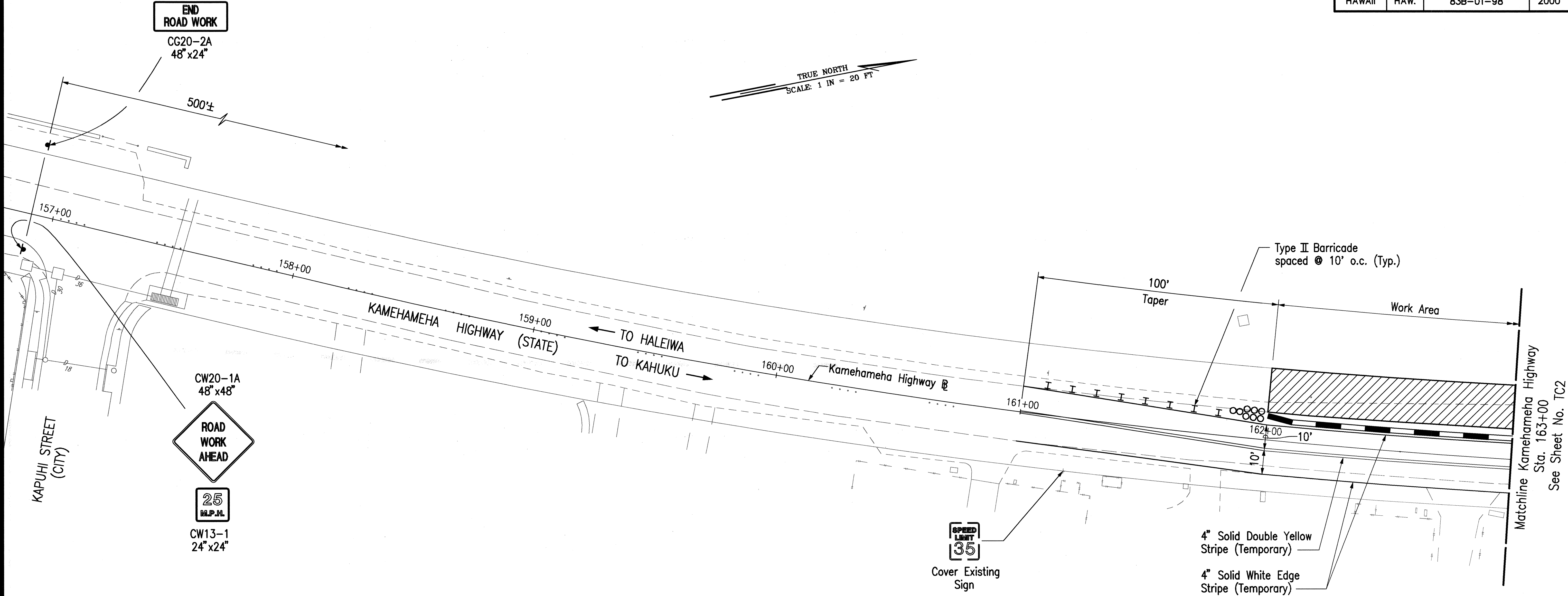


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83B-01-98	2000	38	46



LEGEND:

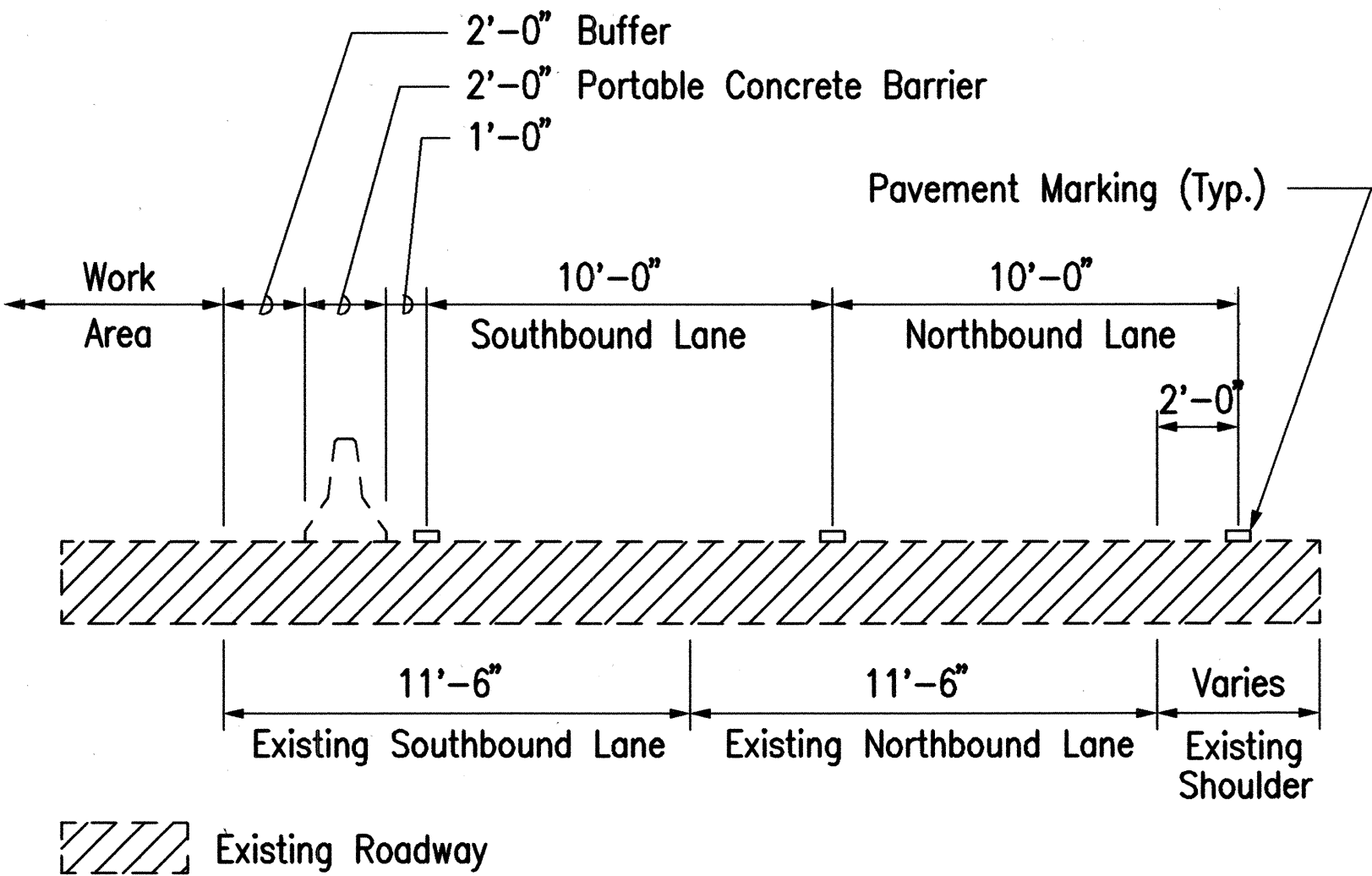
- Portable Concrete Barrier
- Type II Barricade
- Traffic Impact Attenuator

NOTE:

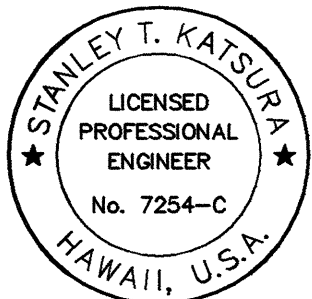
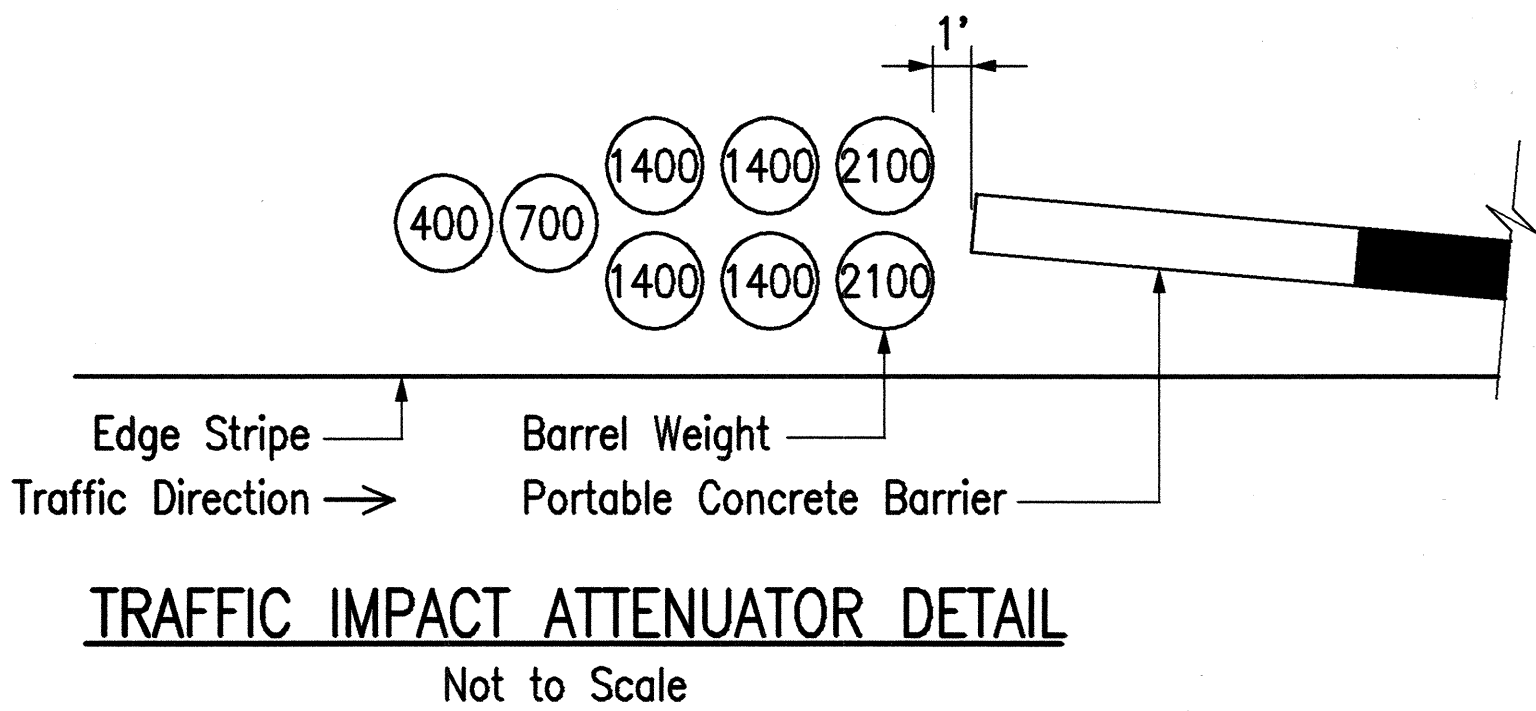
- Construction Phasing and Traffic Control will not be paid for separately but shall be considered incidental to the various contract items.
- Existing conflicting pavement markings shall be removed and temporary markings shall be installed before traffic patterns are changed.

PHASE I CONSTRUCTION:

- The work area is from the southern terminus of the project to just south of Pupukea Beach Park Parking Lot entrance. The work includes pavement and shoulder modifications.
- Pedestrian and vehicular access over and through the work area, existing driveways and roadways are to be maintained during construction. Property owners in the work area are to be notified of construction and traffic control plans that affect their access.
- During non-working hours, Type C Steady burn warning lights shall be placed on barriers and barricades. Traffic control signs shall either be turned away from traffic or covered so as not to confuse or obstruct motorists.



TYPICAL SECTION
Scale: 1/4\" = 1'-0\"



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Stanley T. Katsura

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN
PHASE I

KAMEHAMEHA HIGHWAY
INTERSECTION IMPROVEMENTS AT PUPUKEA ROAD
PROJECT NO. 83B-01-98
SCALE: 1\" = 20\" DATE: FEBRUARY 2000
SHEET NO. TC1 OF 9 SHEETS

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

CAD by E DELA CRUZ, 55-52

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83B-01-98	2000	39	46

TRUE NORTH
SCALE: 1 IN = 20 FT

PUPUKEA BEACH PARK
TMK: 5-9-04:19

STOP
R1-1
(Temporary)

4" Solid Double Yellow
Stripe (Temporary)

SHOULDER
CLOSED

CW21-5MOD
30"x30"

SUNSET BEACH
FIRE STATION
TMK: 5-9-04:29

4" Solid White Edge
Stripe (Temporary)

Portable Concrete Barrier

Work Area

Matchline Kamehameha Highway
Sta. 163+00
See Sheet No. TC1

See Sheet No. TC1

4" Solid Double Yellow
Stripe (Temporary)

4" Solid White Edge
Stripe (Temporary)

KUPAOA PLACE
(CITY)

TO HALEIWA

TO KAHUKU

4" Solid Double Yellow
Stripe (Temporary)

12" White Stop Line
(Temporary)

STOP STOP
ONLY

100'
Taper

4" Solid Double Yellow
Stripe (Temporary)

Kamehameha Highway @
168+00

KAMEHAMEHA HIGHWAY (STATE)

Matchline Kamehameha Highway
Sta. 168+50
See Sheet No. TC3

LEGEND:

- Portable Concrete Barrier
- Type II Barricade
- Traffic Impact Attenuator
For Detail, See Sht. TC1

NOTE:

For Phase I Construction Notes,
See Sht. No. TC1

CW20-1A
48"x48"

ROAD
WORK
AHEAD

25
M.P.M.

CW13-1
24"x24"

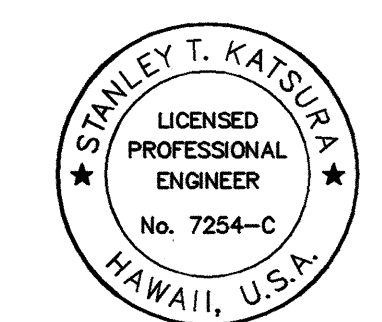
500' ±

PUPUKEA ROAD (CITY)

FOODLAND
TMK: 5-9-11:16

END
ROAD WORK

CG20-2A
48"x48"



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Stanley T. Katsura

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN
PHASE I

KAMEHAMEHA HIGHWAY
INTERSECTION IMPROVEMENTS AT PUPUKEA ROAD
PROJECT NO. 83B-01-98

SCALE: 1" = 20'
SHEET NO. TC2 OF 9 SHEETS

DATE: FEBRUARY 2000

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

CAD by E. DELA CRUZ 55-52

Last Saved: J:\PUPUKEA\TC\Top1-2.dwg 10/14/99 at 14:15

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83B-01-98	2000	40	46

TRUE NORTH
SCALE: 1 IN = 20 FT

Matchline Kamehameha Highway
Sta. 168+50
See Sheet No. TC2

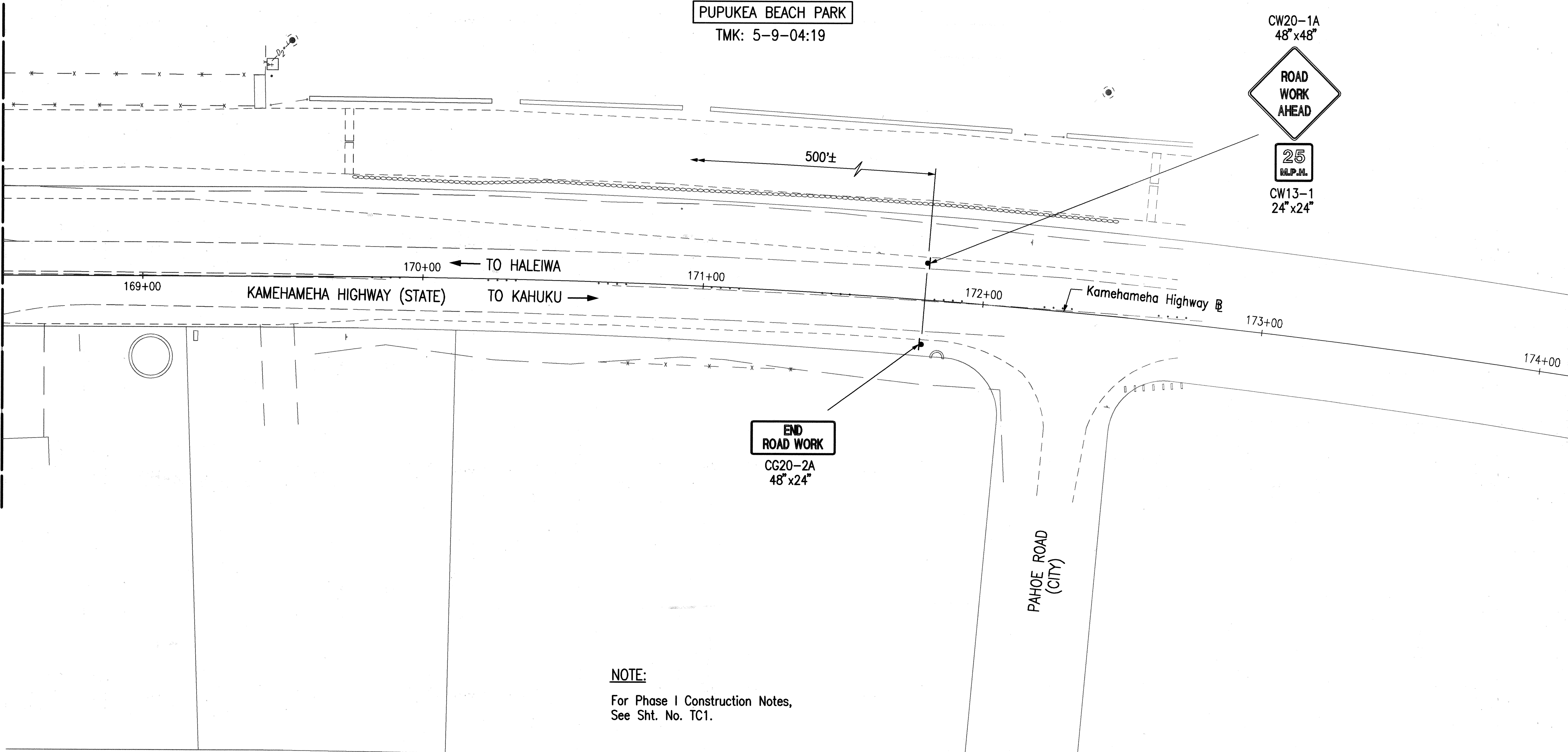
PUPUKEA BEACH PARK
TMK: 5-9-04:19

CW20-1A
48" x 48"



25
M.P.H.

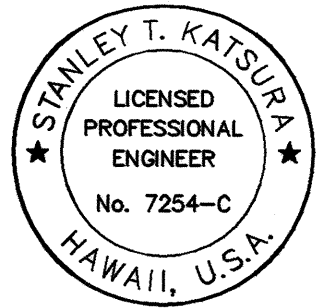
CW13-1
24" x 24"



NOTE:
For Phase I Construction Notes,
See Sht. No. TC1.

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

CAD by E. DELA CRUZ, 55-92



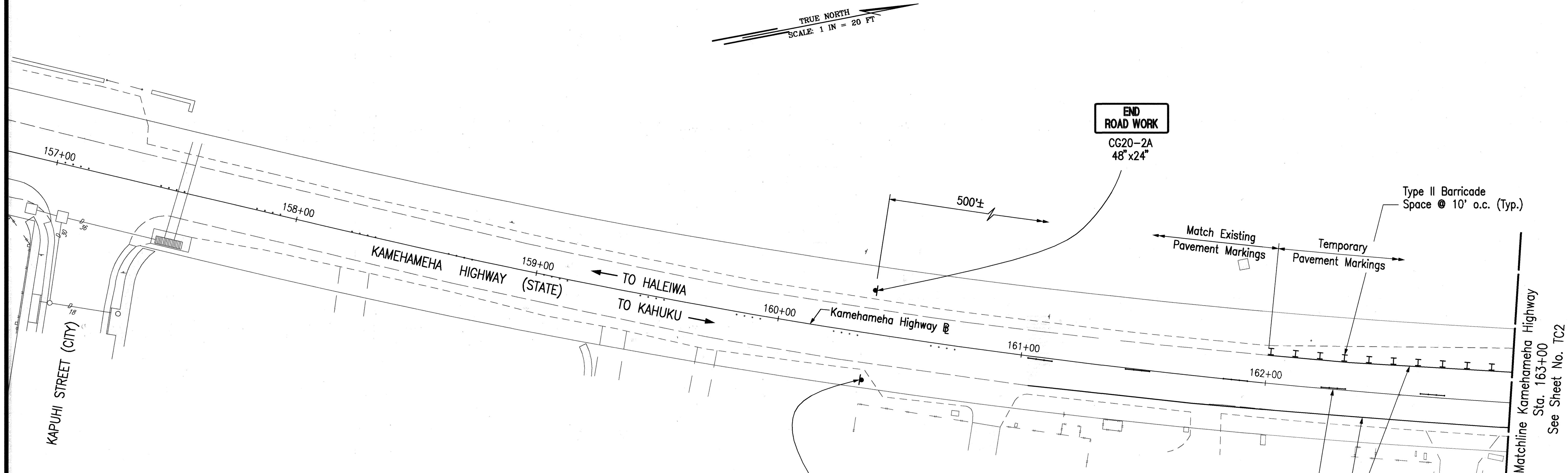
THIS WORK WAS PREPARED BY ME
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Stanley T. Katsura

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TRAFFIC CONTROL PLAN
PHASE I

KAMEHAMEHA HIGHWAY
INTERSECTION IMPROVEMENTS AT PUPUKEA ROAD
PROJECT NO. 83B-01-98
SCALE: 1" = 20'
DATE: FEBRUARY 2000
SHEET NO. TC3 OF 9 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83B-01-98	2000	41	46



LEGEND:

I Type II Barricade

NOTE:

- Construction Phasing and Traffic Control will not be paid for separately but shall be considered incidental to the various contract items.
- Existing conflicting pavement markings shall be removed and temporary markings shall be installed before traffic patterns are changed.

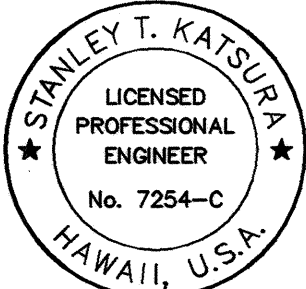
PHASE II CONSTRUCTION:

- The work area is from just South of Pupukea Beach Park Parking Lot entrance to just north of the Sunset Beach Fire Station. The work includes pavement and shoulder modifications. The existing bus stop in the work zone shall be temporarily relocated to the south along Kamehameha Highway adjacent to the Pupukea Beach Park Parking Lot.
- The Engineer will permit lane closures only from 8:30 a.m. and 3:30 p.m. Exceptions to the above hours shall require the Engineer's acceptance in writing.
- Access over and through work zone, existing driveways and roadways are to be maintained during construction. Property owners in the work area are to be notified of construction and traffic control plans that affect their access.
- Access to the Sunset Beach Fire Station and Pupukea Beach Park shall be maintained during construction. Half of the entrance shall remain open at all times. Access to the fire station and Park shall be provided with the appropriate plating of the construction area adjacent to the fire station entrance.
- During non-work hours, Type C steady burn warning lights shall be placed on barriers and barricades. All traffic control signs shall either be turned away from traffic or covered so as not to confuse or obstruct motorists.

ORIGINAL SURVEY PLOTTED BY	DATE
DRAWN BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
No.	

CAO by E DELA CRUZ, 95-92

Last Saved: k:\PUPUKEA\TCP\Top2-1.dwg, 10/14/99 at 14:27



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Stanley Katsura

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TRAFFIC CONTROL PLAN
PHASE II

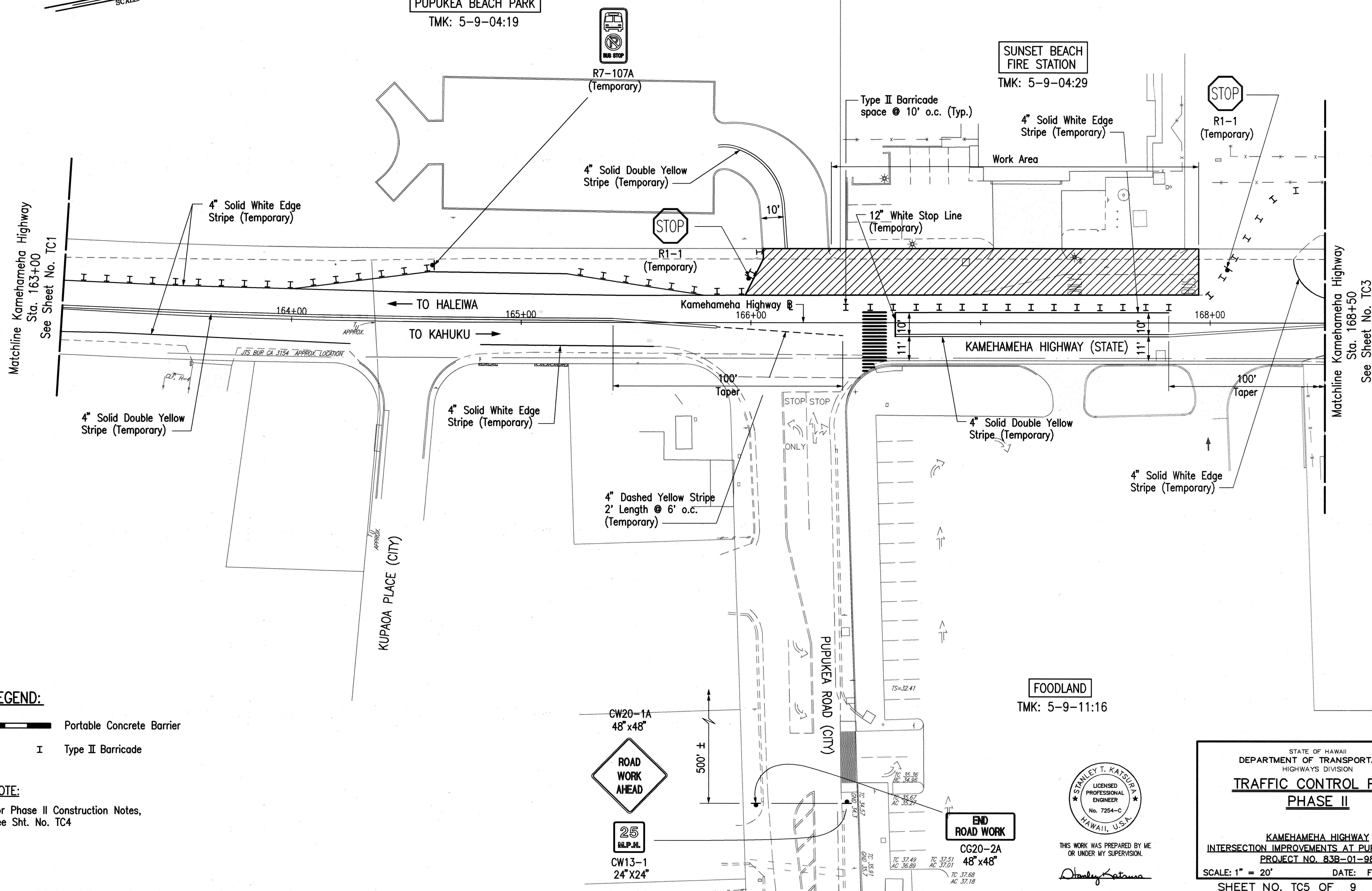
KAMEHAMEHA HIGHWAY
INTERSECTION IMPROVEMENTS AT PUPUKEA ROAD
PROJECT NO. 83B-01-98
SCALE: 1" = 20' DATE: FEBRUARY 2000
SHEET NO. TC4 OF 9 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83B-01-98	2000	42	46



TRUE NORTH
SCALE: 1 IN = 20 FT

PUPUKEA BEACH PARK
TMK: 5-9-04:19

SUNSET BEACH
FIRE STATION
TMK: 5-9-04:29

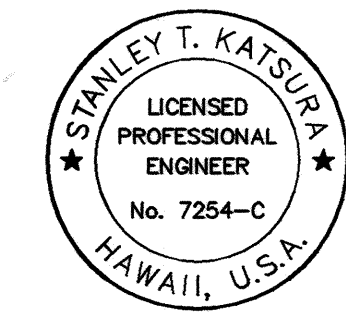


LEGEND:

-  Portable Concrete Barrier
-  Type II Barricade

NOTE:

For Phase II Construction Notes,
See Sht. No. TC4



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN
PHASE II

KAMEHAMEHA HIGHWAY
INTERSECTION IMPROVEMENTS AT PUPUKEA ROAD
PROJECT NO. 83B-01-98

SCALE: 1" = 20' DATE: FEBRUARY 2000

SHEET NO. TC5 OF 9 SHEETS

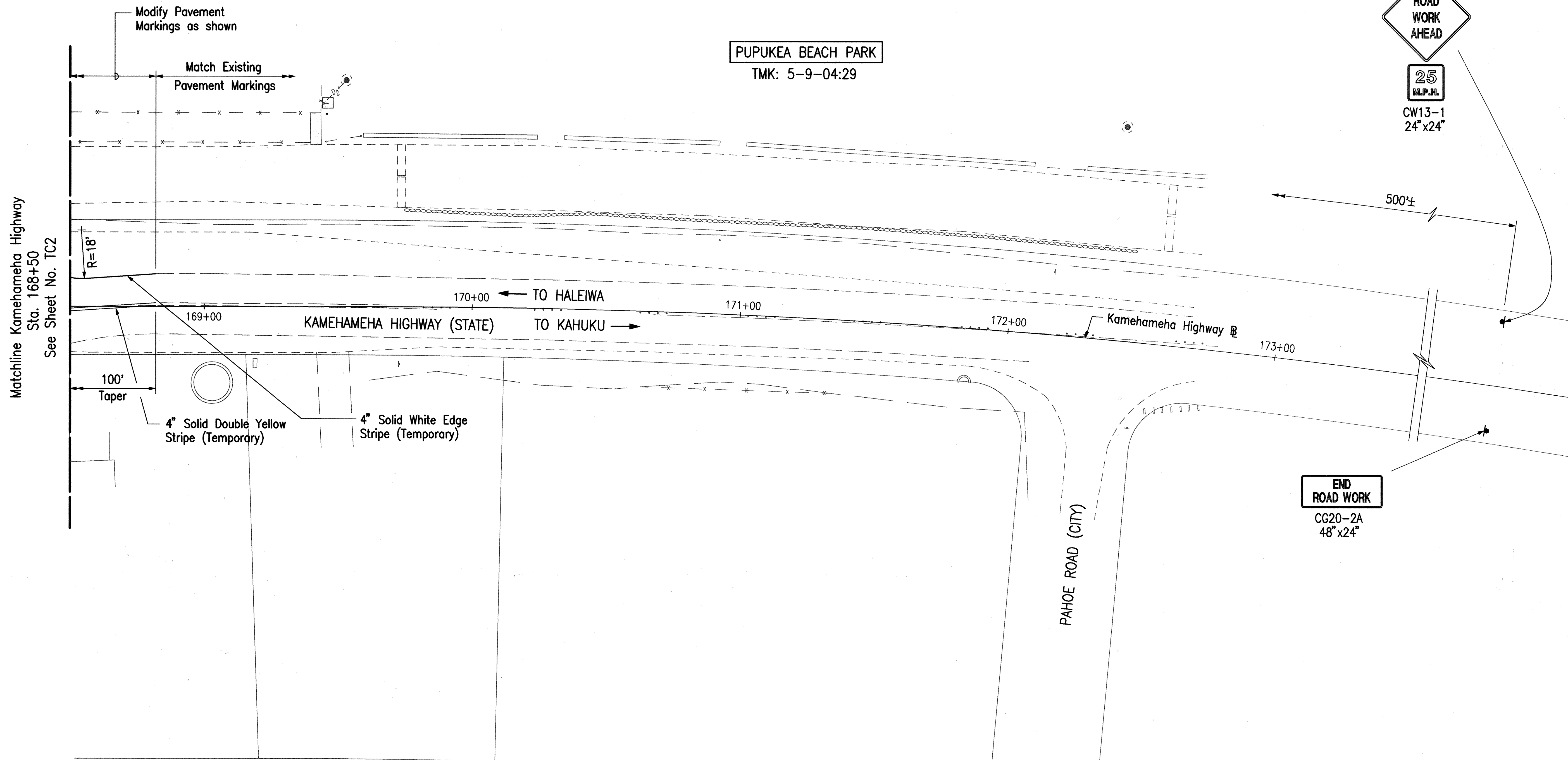
SURVEY PLOTTED BY	DATE
DESIGNED BY	
NOTED BY	
CHECKED BY	
NO.	

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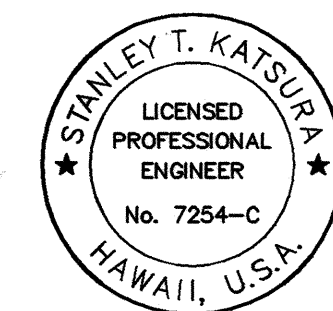
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83B-01-98	2000	43	46

TRUE NORTH
SCALE: 1 IN = 20 FT



NOTE:

For Phase II Construction Notes,
See Sht. No. TC4



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Stanley Katsura

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**TRAFFIC CONTROL PLAN
PHASE II**

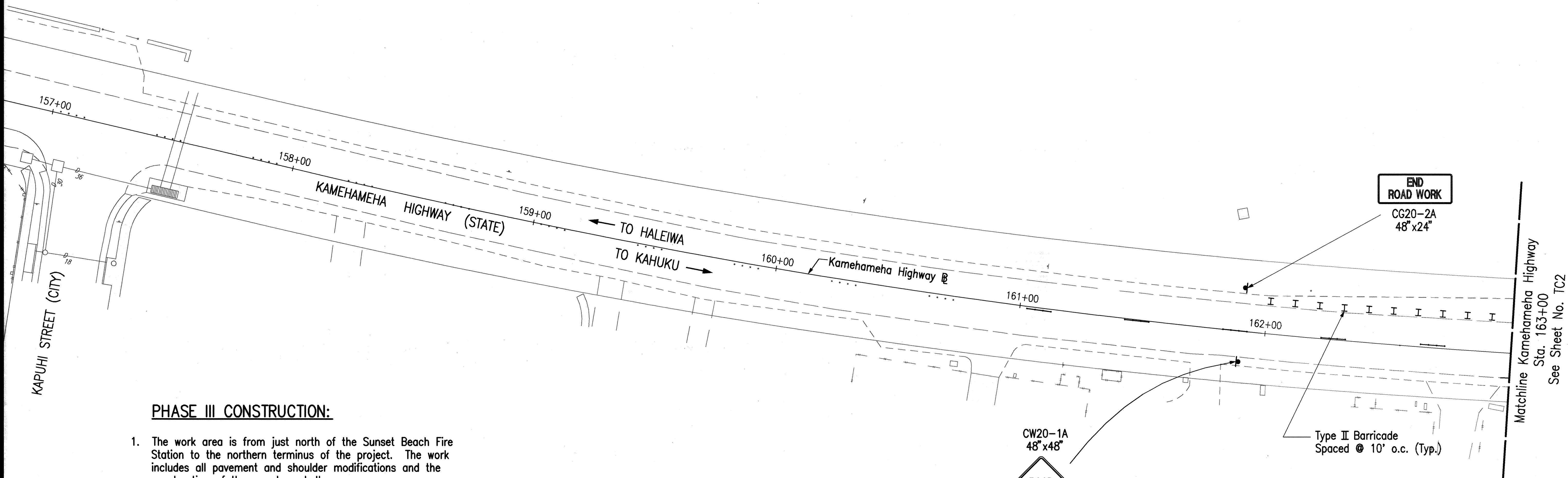
KAMEHAMEHA HIGHWAY
INTERSECTION IMPROVEMENTS AT PUPUKEA ROAD
PROJECT NO. 83B-01-98

SCALE: 1" = 20' DATE: FEBRUARY 2000

SHEET NO. TC6 OF 9 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83B-01-98	2000	44	46

TRUE NORTH
SCALE: 1 IN = 20 FT



PHASE III CONSTRUCTION:

1. The work area is from just north of the Sunset Beach Fire Station to the northern terminus of the project. The work includes all pavement and shoulder modifications and the construction of the new bus shelter.
2. The Engineer will permit lane closures only from 8:30 a.m. and 3:30 p.m. Exceptions to the above hours shall require the Engineer's acceptance in writing.
3. Access over and through work zone, existing driveways and roadways are to be maintained during construction. Property owners in the construction area are to be notified of construction and traffic control plans that affect their access.
4. The exit from Pupukea Beach Park shall be maintained during construction. Exit from Pupukea Beach Park will be provided with the appropriate plating of the construction area adjacent to the park exit.
5. The park exit will be reconstructed in two stages. Stage I re-constructs the northern half while maintaining existing traffic. Stage II then re-constructs the remaining area with the new bus shelter.
6. During non-work hours, Type C steady burn warning lights shall be placed on barriers and barricades. All traffic control signs shall either be turned away from traffic or covered so as not to confuse or obstruct.

LEGEND

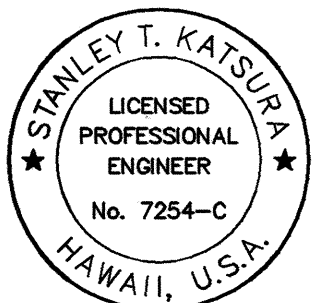
I Type II Barricade

NOTE:

1. Construction Phasing and Traffic Control will not be paid for separately but shall be considered incidental to the various contract items.
2. Existing conflicting pavement markings shall be removed and temporary markings shall be installed before traffic patterns are changed.



Type II Barricade
Spaced @ 10' o.c. (Typ.)



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN
PHASE III

KAMEHAMEHA HIGHWAY
INTERSECTION IMPROVEMENTS AT PUPUKEA ROAD
PROJECT NO. 83B-01-98

SCALE: 1" = 20'
SHEET NO. TC7 OF 9 SHEETS

DATE: FEBRUARY 2000

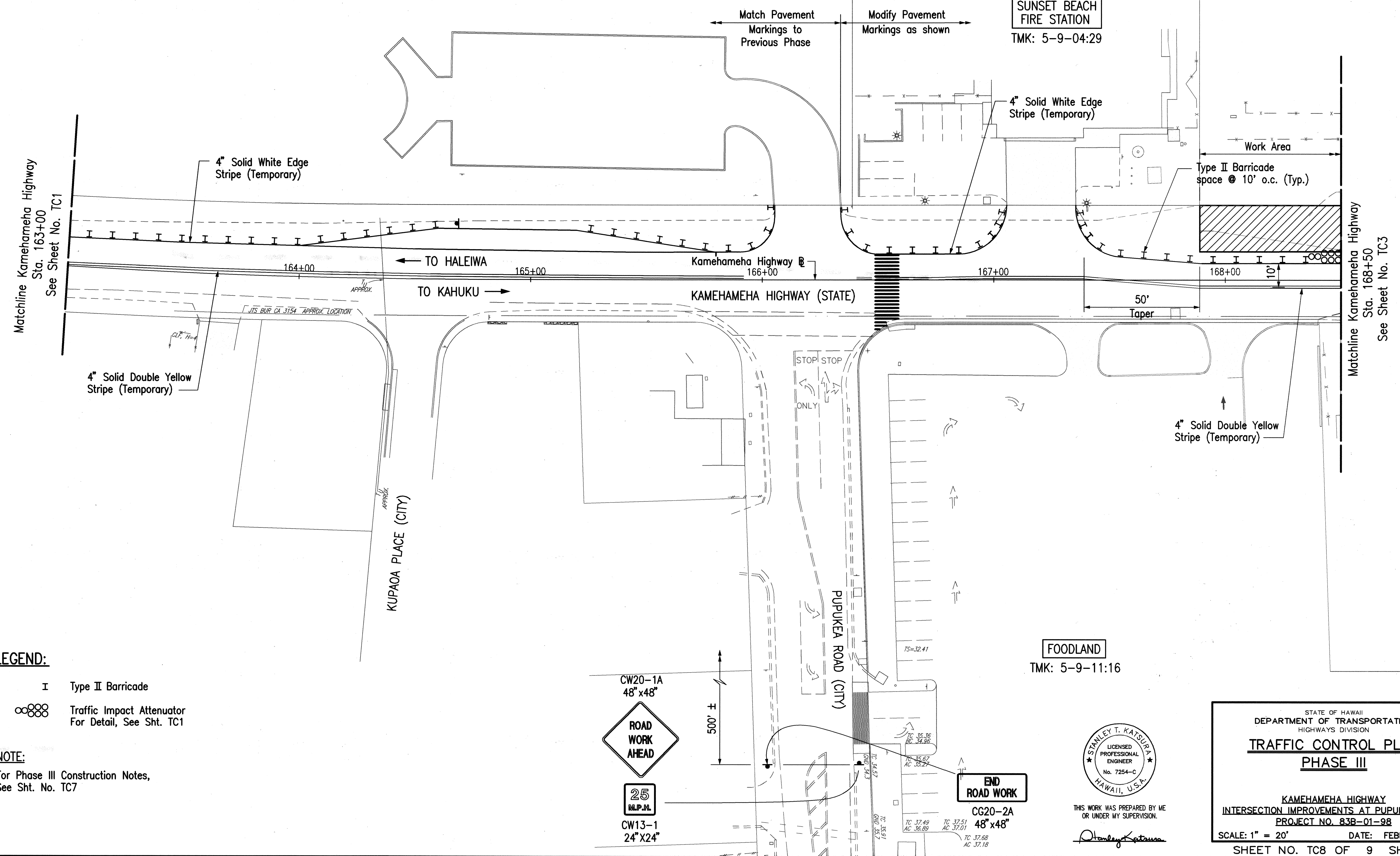
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DESIGNED BY	
CHECKED BY	
No.	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83B-01-98	2000	45	46

TRUE NORTH
SCALE: 1 IN = 20 FT

PUPUKEA BEACH PARK
TMK: 5-9-04:19

SUNSET BEACH
FIRE STATION
TMK: 5-9-04:29



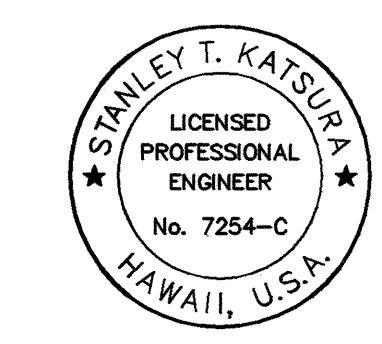
LEGEND:

- I Type II Barricade
- oo Traffic Impact Attenuator
For Detail, See Sht. TC1

NOTE:

For Phase III Construction Notes,
See Sht. No. TC7

FOODLAND
TMK: 5-9-11:16



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Stanley T. Katsura

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**TRAFFIC CONTROL PLAN
PHASE III**

KAMEHAMEHA HIGHWAY
INTERSECTION IMPROVEMENTS AT PUPUKEA ROAD
PROJECT NO. 83B-01-98

SCALE: 1" = 20' DATE: FEBRUARY 2000

SHEET NO. TC8 OF 9 SHEETS

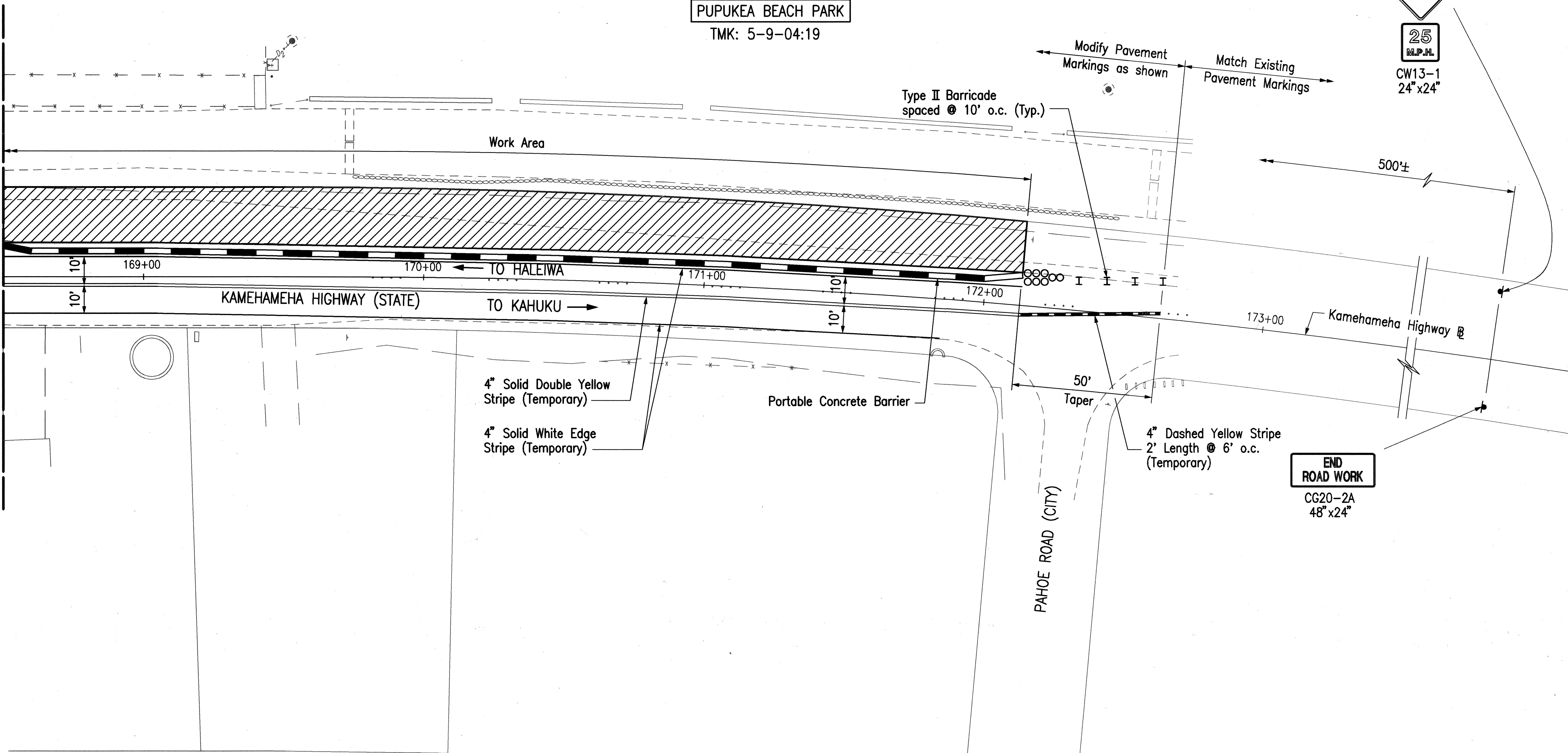
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83B-01-98	2000	46	46

TRUE NORTH
SCALE: 1 IN = 20 FT

Matchline Kamehameha Highway
Sta. 168+50
See Sheet No. TC2

PUPUKEA BEACH PARK
TMK: 5-9-04:19

CW20-1A
48" x 48"
ROAD
WORK
AHEAD
25
M.P.H.
CW13-1
24" x 24"

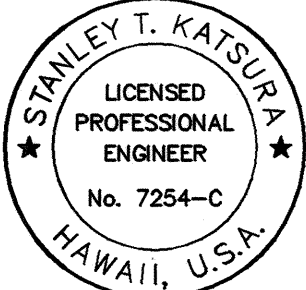


LEGEND:

- Portable Concrete Barrier
- Type II Barricade
- Traffic Impact Attenuator
For Detail, See Sht. TC1

NOTE:

For Phase III Construction Notes,
See Sht. No. TC7



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TRAFFIC CONTROL PLAN
PHASE III

KAMEHAMEHA HIGHWAY
INTERSECTION IMPROVEMENTS AT PUPUKEA ROAD
PROJECT NO. 83B-01-98
SCALE: 1" = 20'
SHEET NO. TC9 OF 9 SHEETS

DATE: FEBRUARY 2000

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TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
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