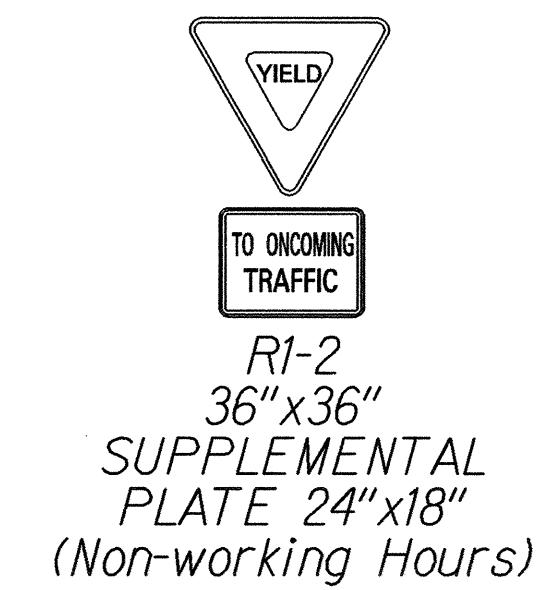
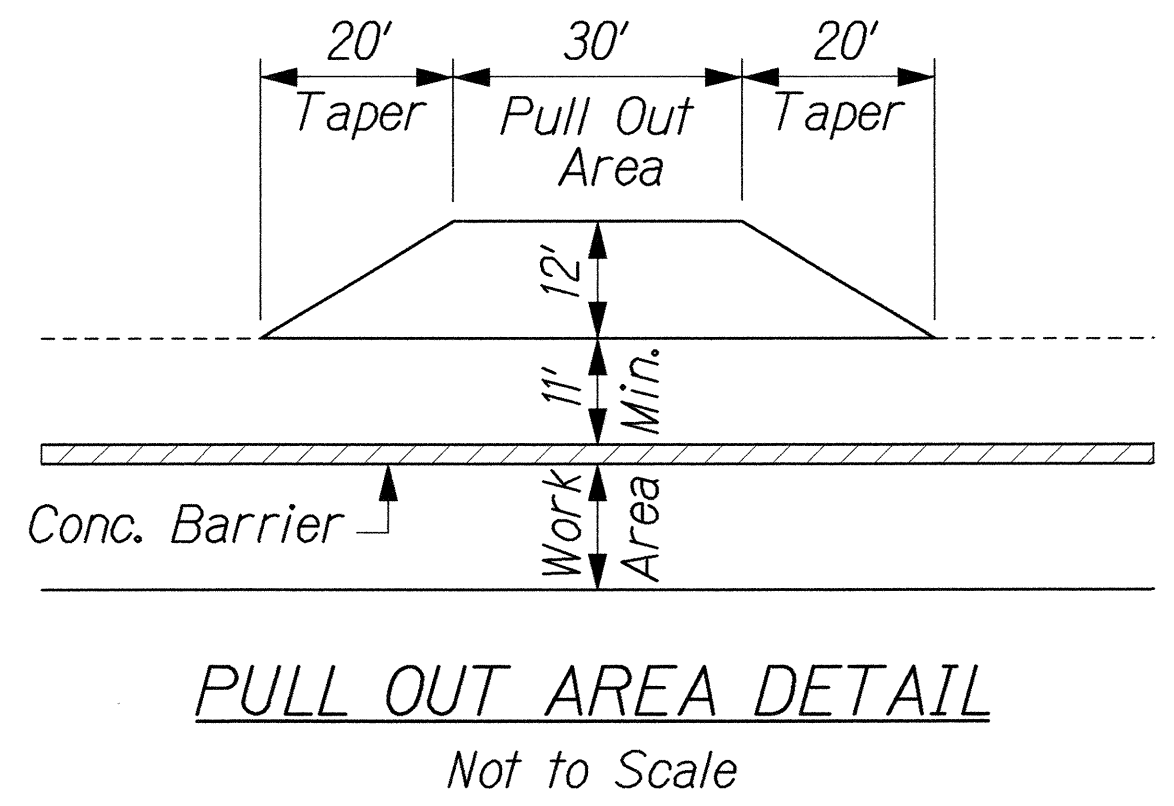
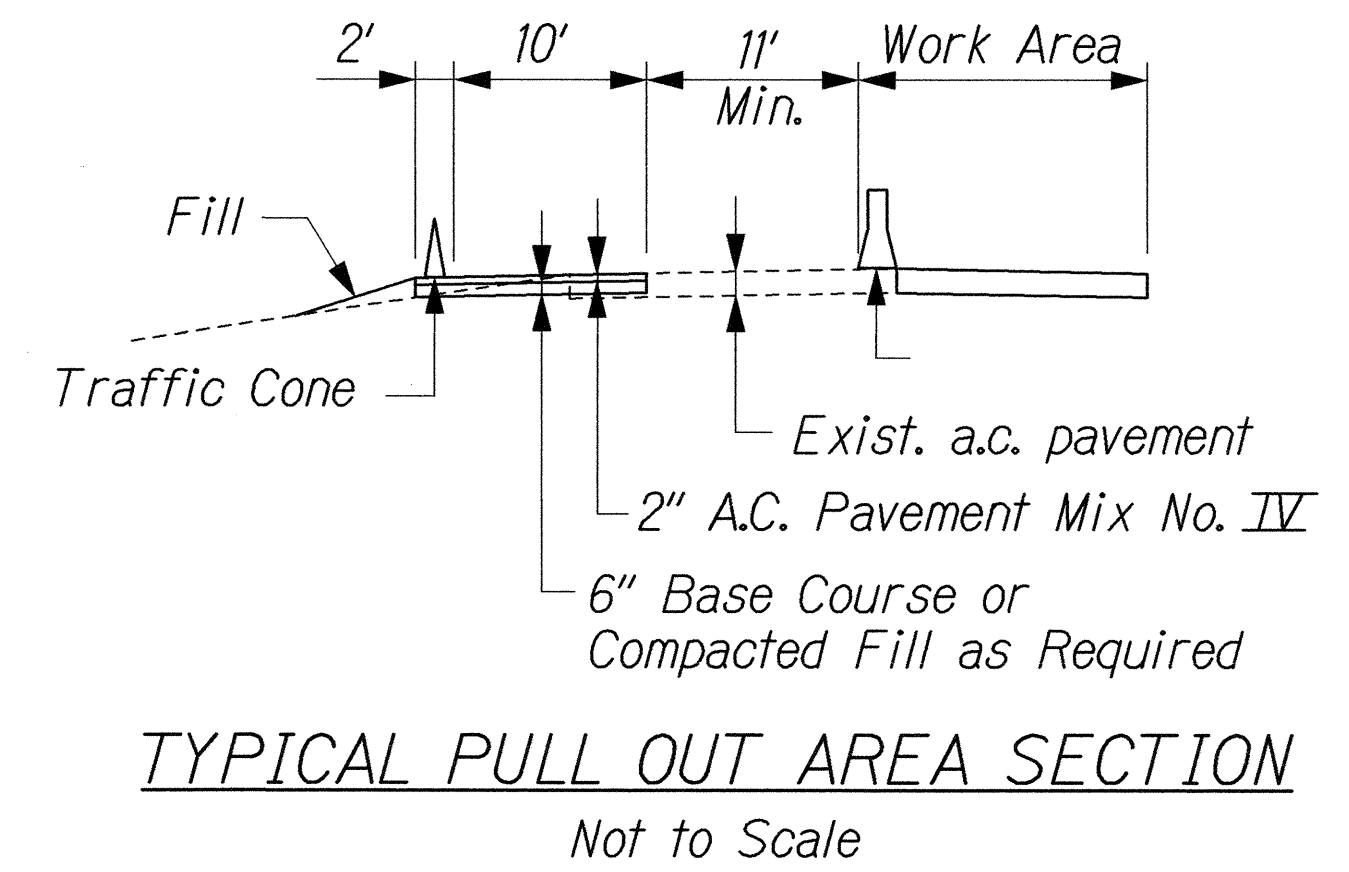


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-12(4)	2003	25	76

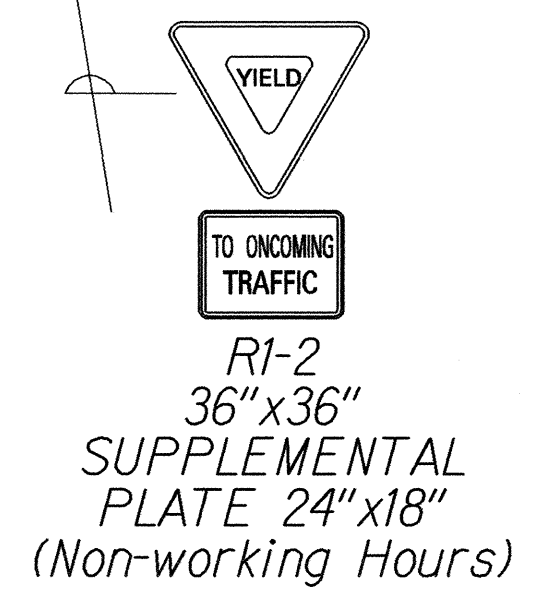
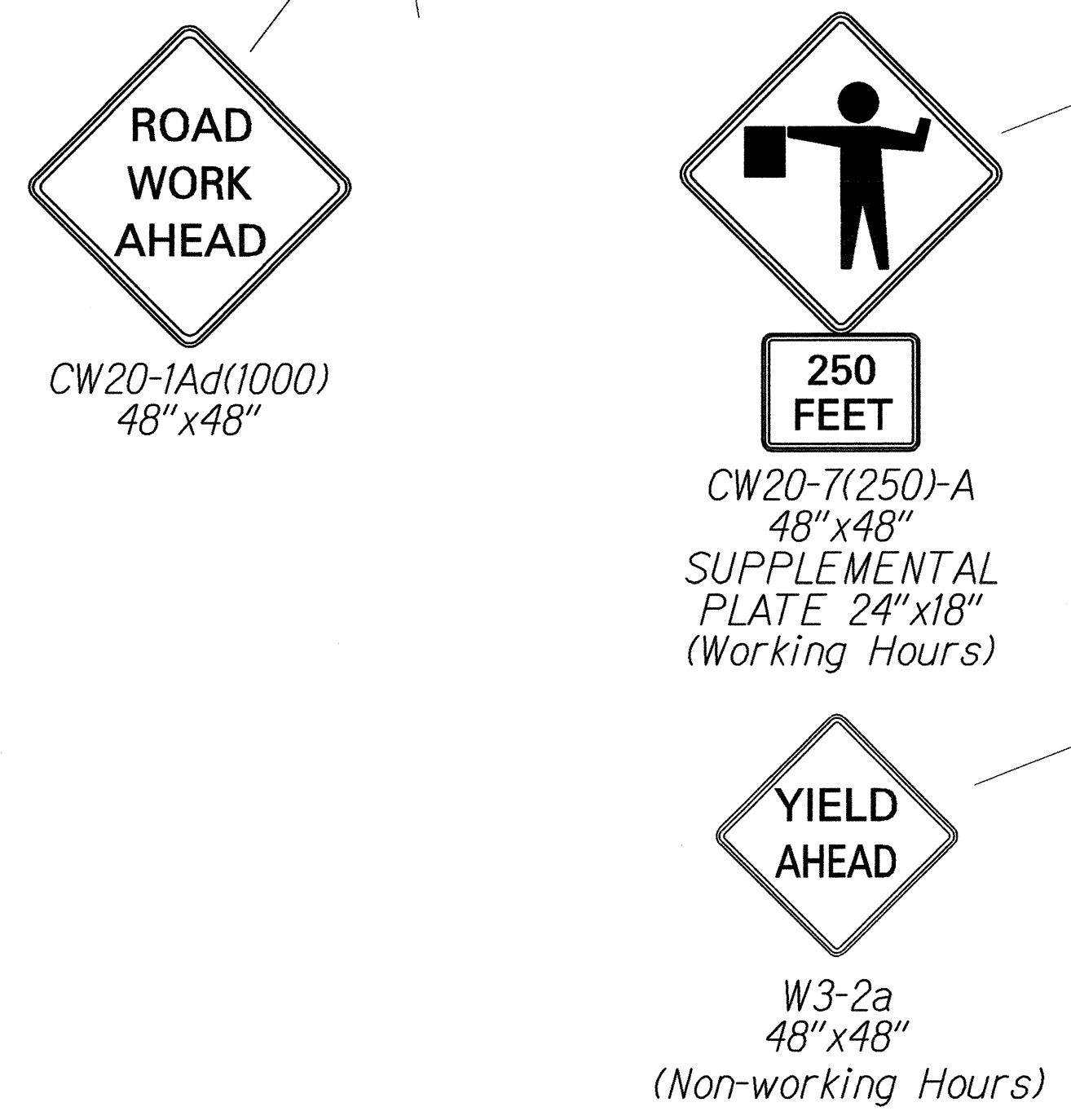
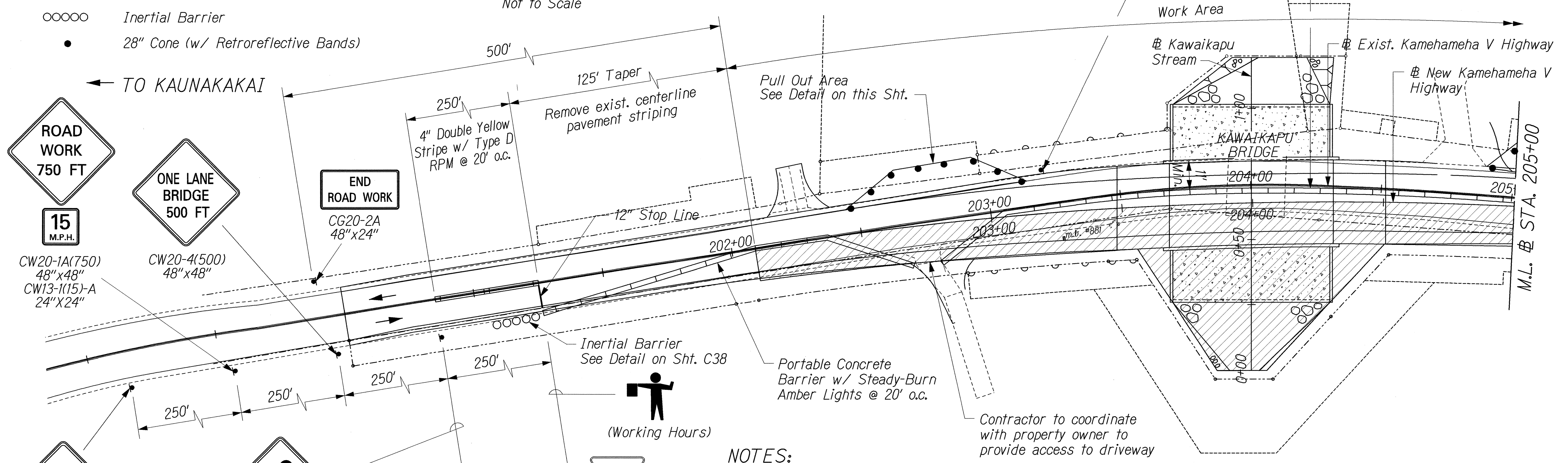
LEGEND:

- Traffic Sign
- Portable Concrete Barrier w/ Steady-Burn Amber Lights @ 20' o.c.
- Direction of Traffic
- Work Area
- Police Officer/Flagger
- Inertial Barrier
- 28" Cone (w/ Retroreflective Bands)



TO HALAWA →

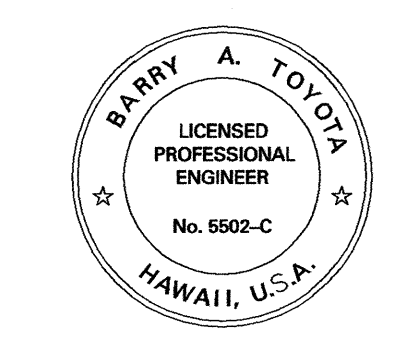
TRUE NORTH  
SCALE: 1" = 20'



PHASE 1

NOTES:

- All stationings are based on new Kamehameha V Highway baseline.
- Remove existing trees prior to construction. See Sht. 10.
- Phase 1 includes: (Makai End):
  - New Bridge and Channel construction.
  - New Roadway and Driveway Embankment from Station 202+08.99 to Sta. 207+00.
  - New Bridge Approaches.
- Contractor shall maintain an appropriate sight distance for vehicles to travel safely through the project area. Adjustment of construction phasing and traffic control phasing shall be considered incidental to Phase 1.
- Contractor shall provide a minimum of 1 pull-out area on each side of project area for vehicles to pass safely during non-working hours as shown on plan.
- Construction and removal of pull out areas shall be considered incidental to the various contract items.



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Date: April 30, 2004  
Expiration Date of the License

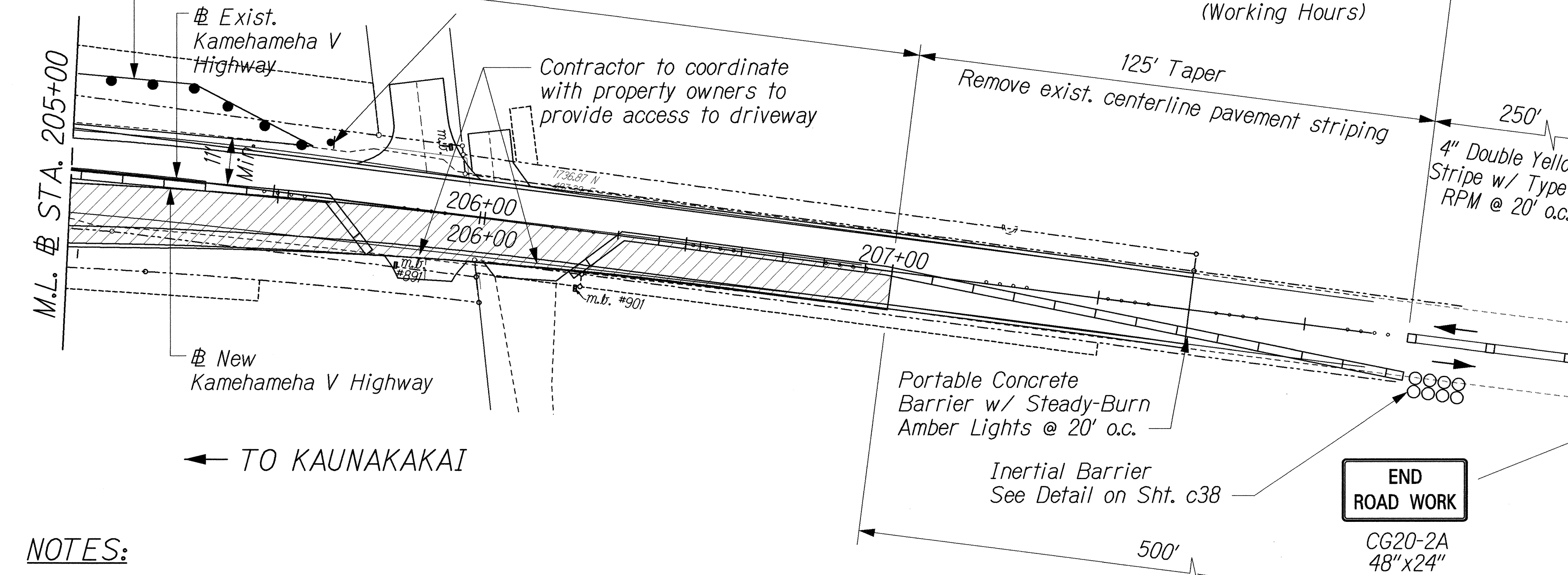
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION <b>CONSTRUCTION PHASING &amp; TRAFFIC CONTROL PLAN</b> <b>KAMEHAMEHA V HIGHWAY</b> <b>EMERGENCY REPLACEMENT OF KAWAIKAPU BRIDGE</b> <b>FEDERAL AID PROJECT NO. ER-12(4)</b> Scale: 1"=20' Date: November 25, 2002	



LEGEND:

- Traffic Sign
- Portable Concrete Barrier w/ Steady-Burn Amber Lights @ 20' o.c.
- Direction of Traffic
- Work Area
- Police Officer/Flagger
- Inertial Barrier
- 28" Cone (w/ Retroreflective Bands)

Pull Out Area  
See Detail  
on Sht. C22

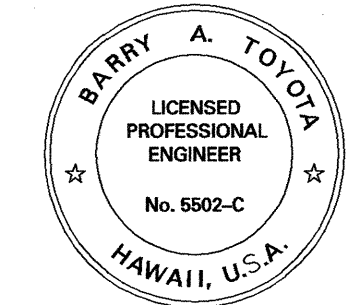
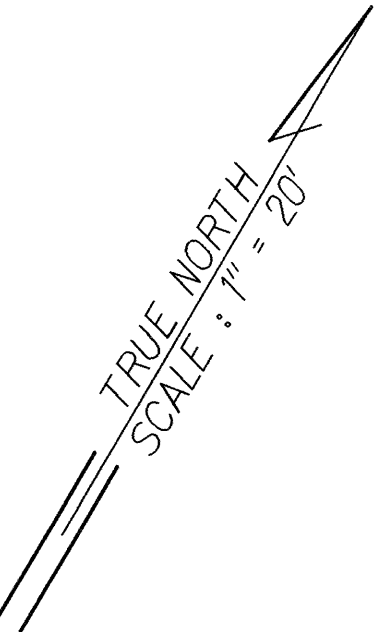


NOTES:

- All stationings are based on new Kamehameha V Highway baseline.
- Remove existing trees prior to construction. See Sht. 10.
- Phase 1 includes: (Makai End):
  - A. New Bridge and Channel construction.
  - B. New Roadway and Driveway Embankment from Station 202+08.99 to Sta. 207+00.
  - C. New Bridge Approaches.
- Contractor shall maintain an appropriate sight distance for vehicles to travel safely through the project area. Adjustment of construction phasing and traffic control phasing shall be considered incidental to Phase 1.
- Contractor shall provide a minimum of 1 pull-out area on each side of project area for vehicles to pass safely during non-working hours as shown on plan.
- Construction and removal of pull out areas shall be considered incidental to the various contract items.

PHASE 1

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-12(4)	2003	26	76


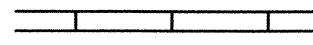

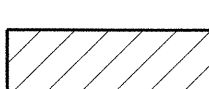





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Date: April 30, 2004  
Expiration Date of the License

DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION <b>CONSTRUCTION PHASING &amp; TRAFFIC CONTROL PLAN</b> KAMEHAMEHA V HIGHWAY EMERGENCY REPLACEMENT OF KAWAIKAPU BRIDGE FEDERAL AID PROJECT NO. ER-12(4) Scale: 1"=20' Date: November 25, 2002	



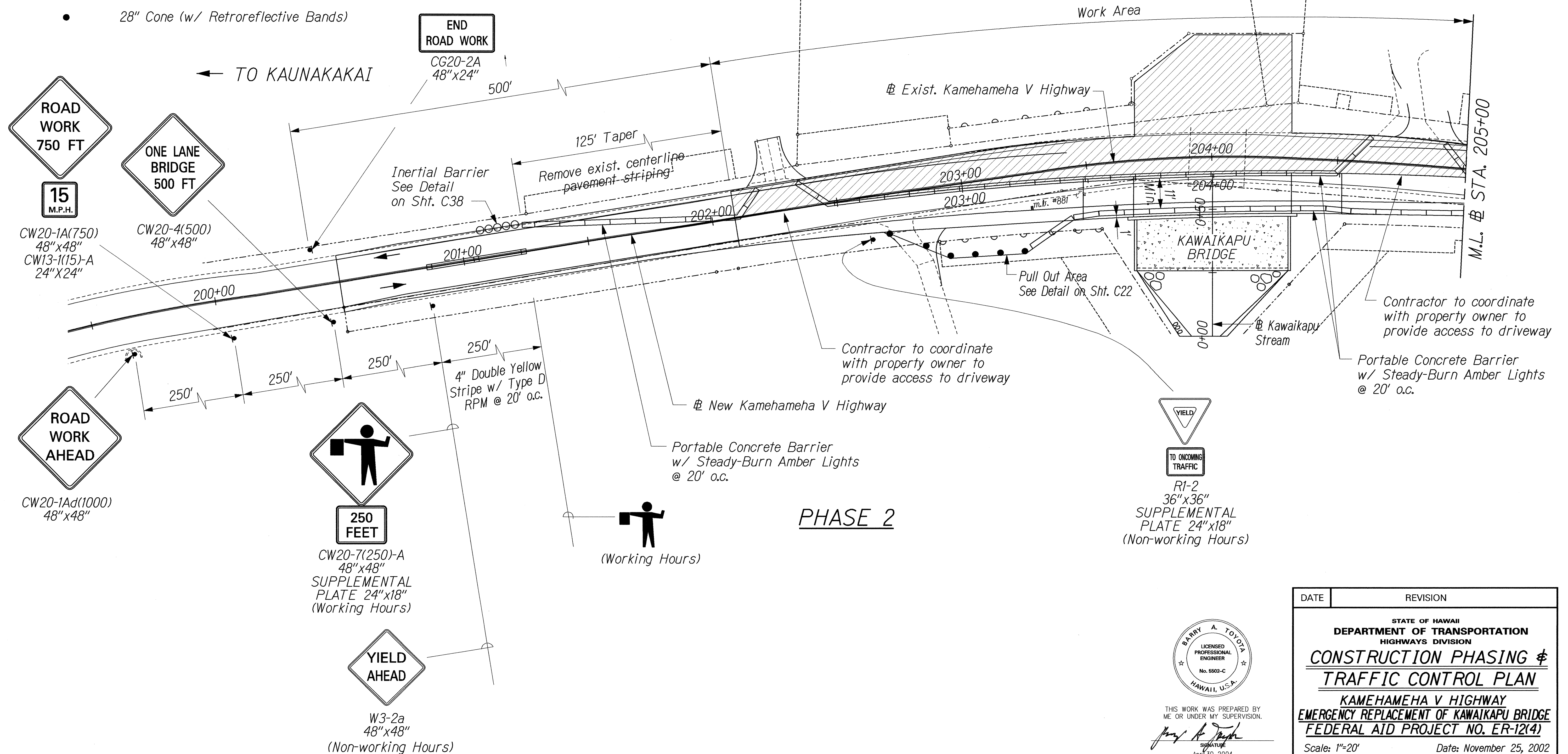
# LEGEND:

-  Traffic Sign
-  Portable Concrete Barrier w/ Steady-Burn Amber Lights @ 20' o.c.
-  Direction of Traffic
-  Work Area
-  Police Officer/Flagger
-  Inertial Barrier
-  28" Cone (w/ Retroreflective Bands)

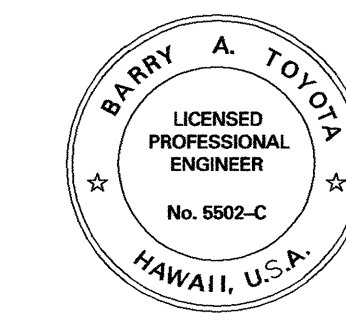
# NOTES:

- All stationings are based on new Kamehameha V Highway baseline.
- Remove existing trees prior to construction. See Sht. 10.
- Phase 2 includes: (Mauka End):
  - New Bridge and Channel construction.
  - New Roadway and Driveway Embankment from Station 202+08.99 to Sta. 207+00.
  - New Bridge Approaches.
- Contractor shall maintain an appropriate sight distance for vehicles to travel safely through the project area. Adjustment of construction phasing and traffic control phasing shall be considered incidental to Phase 2.
- Contractor shall provide a minimum of 1 pull-out area on each side of project area for vehicles to pass safely during non-working hours as shown on plan.
- Construction and removal of pull out areas shall be considered incidental to the various contract items.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-12(4)	2003	27	76



ORIGINAL PLAN	DATE
DRAWN BY	
DESIGNED BY	
NOTED BY	
CHECKED BY	



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 Date: April 30, 2004  
 Expiration Date of the License

DATE	REVISION

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

**CONSTRUCTION PHASING & TRAFFIC CONTROL PLAN**

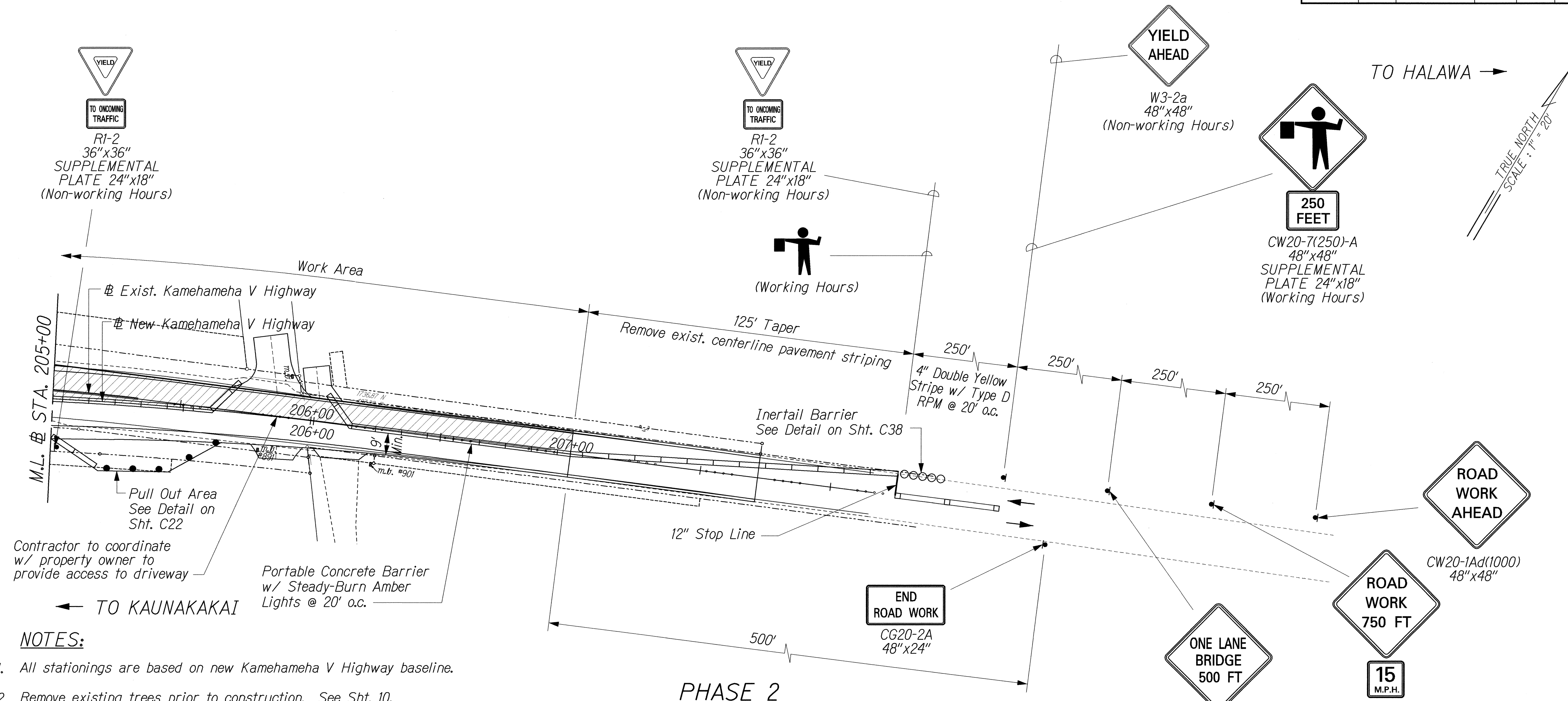
KAMEHAMEHA V HIGHWAY  
 EMERGENCY REPLACEMENT OF KAWAIKAPU BRIDGE  
 FEDERAL AID PROJECT NO. ER-12(4)

Scale: 1"=20' Date: November 25, 2002

SHEET No. C24 OF 46 SHEETS




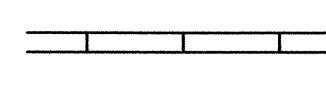

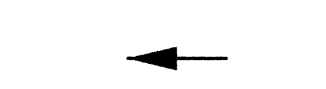
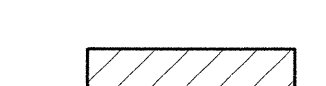


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-12(4)	2003	28	76



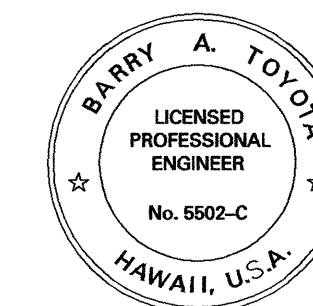
### NOTES:

- All stationings are based on new Kamehameha V Highway baseline.
- Remove existing trees prior to construction. See Sht. 10.
- Phase 2 includes: (Mauka End):
  - New Bridge and Channel construction.
  - New Roadway and Driveway Embankment from Station 202+08.99 to Sta. 207+00.
  - New Bridge Approaches.
- Contractor shall maintain an appropriate sight distance for vehicles to travel safely through the project area. Adjustment of construction phasing and traffic control phasing shall be considered incidental to Phase 2.
- Contractor shall provide a minimum of 1 pull-out area on each side of project area for vehicles to pass safely during non-working hours as shown on plan.
- Construction and removal of pull out areas shall be considered incidental to the various contract items.

### LEGEND:

-  Traffic Sign
-  Portable Concrete Barrier w/ Steady-Burn Amber Lights @ 20' o.c.
-  Direction of Traffic
-  Work Area
-  Police Officer/Flagger
-  Inertail Barrier
-  28" Cone (w/ Retroreflective Bands)

SURVEY PLOTTED BY	DATE
DESIGNED BY	
NOTED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	



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*Barry A. Toyota*  
SIGNATURE  
April 30, 2004  
Expiration Date of the License


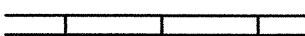





DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION <b>CONSTRUCTION PHASING &amp; TRAFFIC CONTROL PLAN</b> KAMEHAMEHA V HIGHWAY EMERGENCY REPLACEMENT OF KAWAIKAPU BRIDGE FEDERAL AID PROJECT NO. ER-12(4) Scale: 1"=20' Date: November 25, 2002	

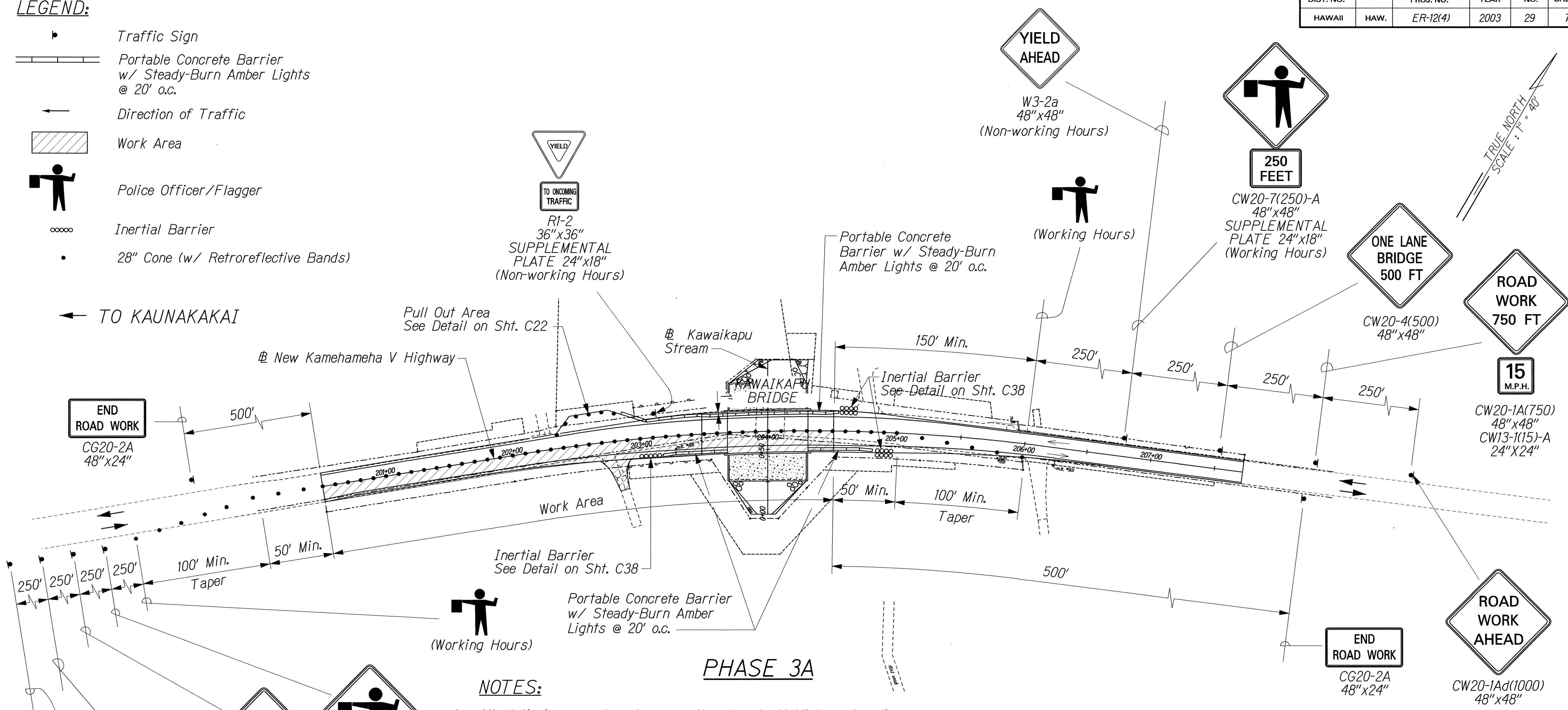
SHEET No. C25 OF 46 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-12(4)	2003	29	76

LEGEND:

-  Traffic Sign
-  Portable Concrete Barrier w/ Steady-Burn Amber Lights @ 20' o.c.
-  Direction of Traffic
-  Work Area
-  Police Officer/Flagger
-  Inertial Barrier
-  28" Cone (w/ Retroreflective Bands)

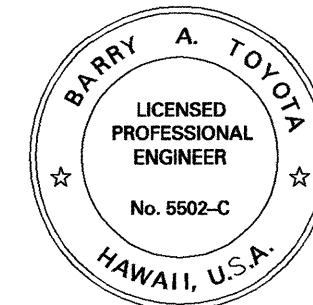


PHASE 3A

NOTES:

- All stationings are based on new Kamehameha V Highway baseline.
- Phase 3A includes: (Makai End):
  - Roadway Widening
  - New AC Pavement
  - New Guard Rail
  - New Driveways
- Adjustment of Construction Phasing and Traffic Control Phasing to the extent of the appropriate sight distance shall be considered incidental to Phase 3A.
- Contractor shall provide smooth transition to meet existing pavement in the event of each unfinished phase which shall be considered incidental to Phase 3A.
- Contractor shall provide pull-out area as shown on plan for vehicles to pass safely during non-working hours.
- Construction and removal of pull out areas shall be considered incidental to the various contract items.

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



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*Barry A. Tolosa*  
 SIGNATURE  
 April 30, 2004  
 Expiration Date of the License

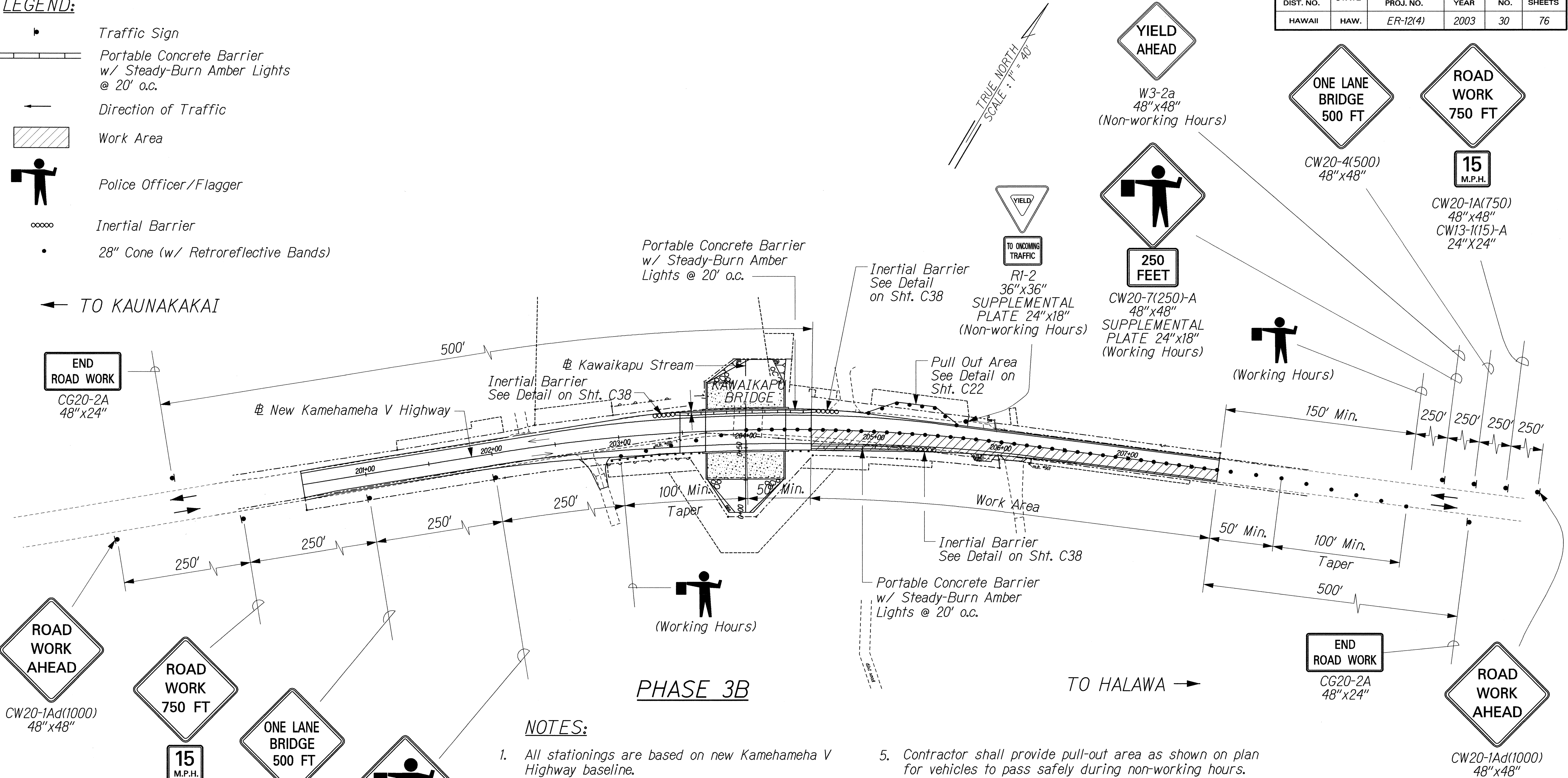
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION <b>CONSTRUCTION PHASING &amp; TRAFFIC CONTROL PLAN</b> KAMEHAMEHA V HIGHWAY EMERGENCY REPLACEMENT OF KAWAIKAPU BRIDGE FEDERAL AID PROJECT NO. ER-12(4) Scale: 1"=40' Date: November 25, 2002	
SHEET No. C26 OF 46 SHEETS	



LEGEND:

- Traffic Sign
- Portable Concrete Barrier w/ Steady-Burn Amber Lights @ 20' o.c.
- Direction of Traffic
- Work Area
- Police Officer/Flagger
- Inertial Barrier
- 28" Cone (w/ Retroreflective Bands)

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-12(4)	2003	30	76

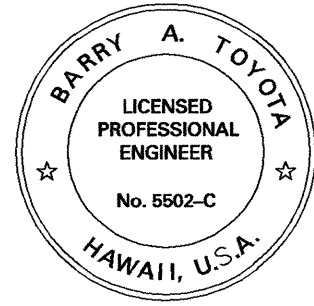


PHASE 3B

NOTES:

- All stationings are based on new Kamehameha V Highway baseline.
- Phase 3B includes: (Makai End):
  - A. Roadway Widening
  - B. New AC Pavement
  - C. New Guard Rail
  - D. New Driveways
- Adjustment of Construction Phasing and Traffic Control Phasing to the extent of the appropriate sight distance shall be considered incidental to Phase 3B.
- Contractor shall provide smooth transition to meet existing pavement in the event of each unfinished phase which shall be considered incidental to Phase 3B.
- Contractor shall provide pull-out area as shown on plan for vehicles to pass safely during non-working hours.
- Construction and removal of pull out areas shall be considered incidental to the various contract items.

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	



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Date: April 30, 2004  
Expiration Date of the License

DATE: \_\_\_\_\_ REVISION: \_\_\_\_\_

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**CONSTRUCTION PHASING #**  
**TRAFFIC CONTROL PLAN**

**KAMEHAMEHA V HIGHWAY**  
**EMERGENCY REPLACEMENT OF KAWAIKAPU BRIDGE**  
**FEDERAL AID PROJECT NO. ER-12(4)**

Scale: 1"=40' Date: November 25, 2002



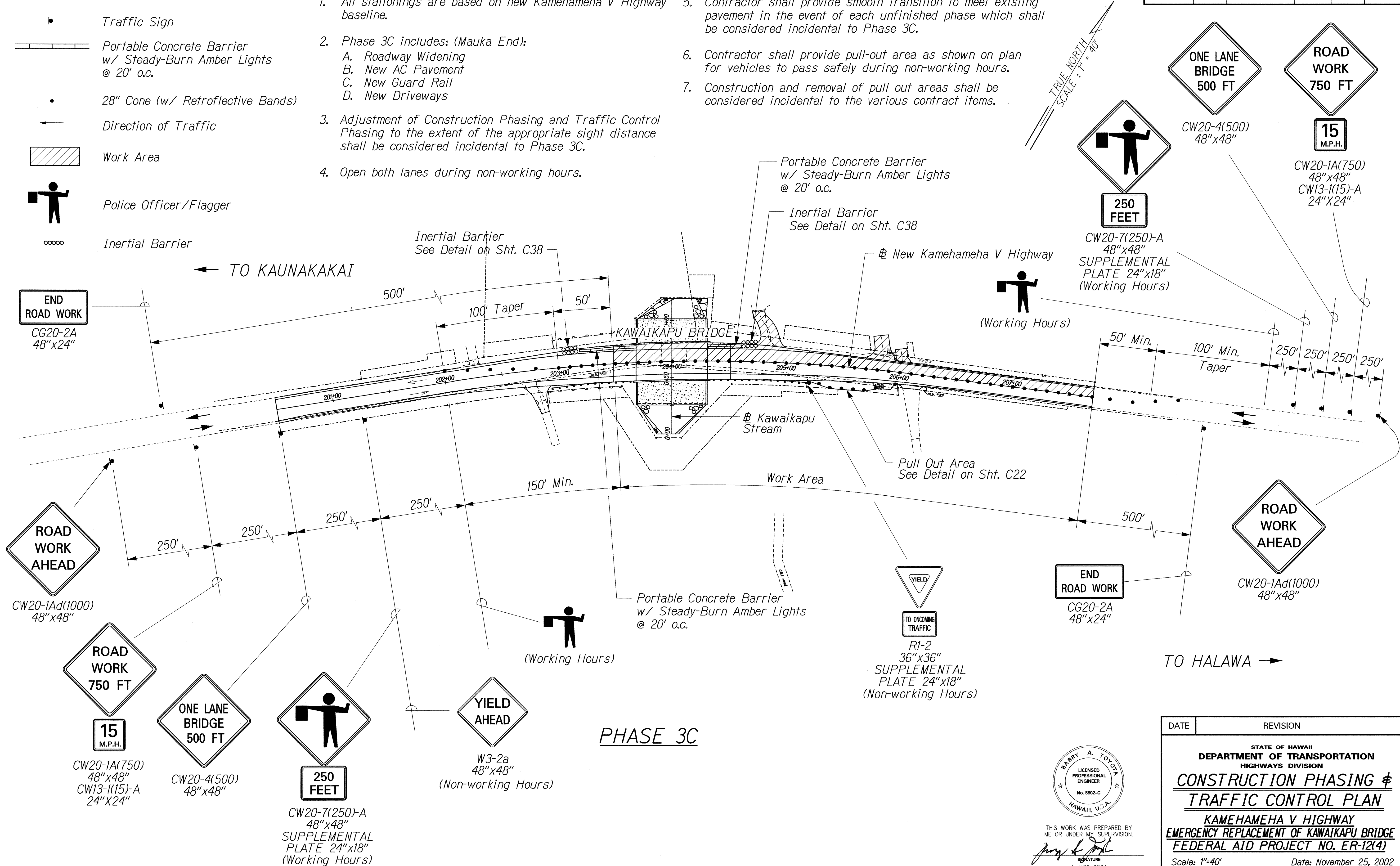
LEGEND:

- Traffic Sign
- Portable Concrete Barrier w/ Steady-Burn Amber Lights @ 20' o.c.
- 28" Cone (w/ Retroreflective Bands)
- Direction of Traffic
- Work Area
- Police Officer/Flagger
- Inertial Barrier

NOTES:

- All stationings are based on new Kamehameha V Highway baseline.
- Phase 3C includes: (Mauka End):
  - A. Roadway Widening
  - B. New AC Pavement
  - C. New Guard Rail
  - D. New Driveways
- Adjustment of Construction Phasing and Traffic Control Phasing to the extent of the appropriate sight distance shall be considered incidental to Phase 3C.
- Open both lanes during non-working hours.
- Contractor shall provide smooth transition to meet existing pavement in the event of each unfinished phase which shall be considered incidental to Phase 3C.
- Contractor shall provide pull-out area as shown on plan for vehicles to pass safely during non-working hours.
- Construction and removal of pull out areas shall be considered incidental to the various contract items.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-12(4)	2003	31	76



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

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*[Signature]*  
April 30, 2004  
Expiration Date of the License

DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION <b>CONSTRUCTION PHASING &amp; TRAFFIC CONTROL PLAN</b> KAMEHAMEHA V. HIGHWAY EMERGENCY REPLACEMENT OF KAWAIKAPU BRIDGE FEDERAL AID PROJECT NO. ER-12(4) Scale: 1"=40' Date: November 25, 2002	

SHEET No. C28 OF 46 SHEETS



