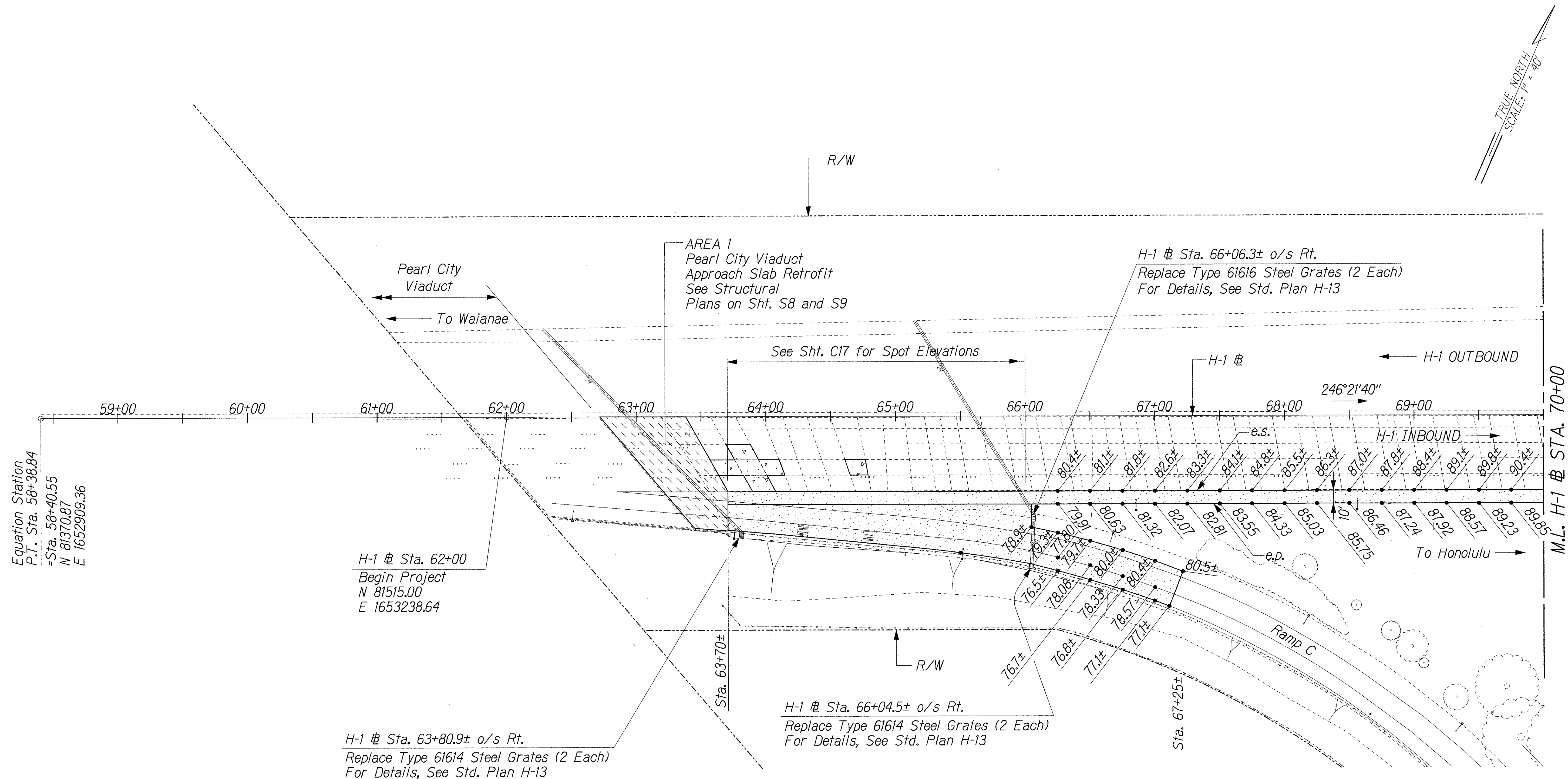
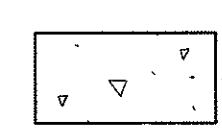
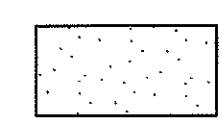


FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(245)	2005	15	183

TRUE NORTH
SCALE: 1" = 40'

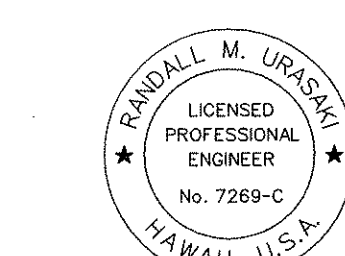


LEGEND:

-  PCC Pavement Reconstruction Areas
-  Approach Slab Reconstruction Area with Micropile Foundation
-  Shoulder Lane AC Overlay Areas

SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
DATE	

JG/COE H-1 REHAB/ROAD/RD-01dgm



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.
Randall M. Uragami
1/24/06

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY CONSTRUCTION PLAN
@ STA. 62+00 TO 70+00

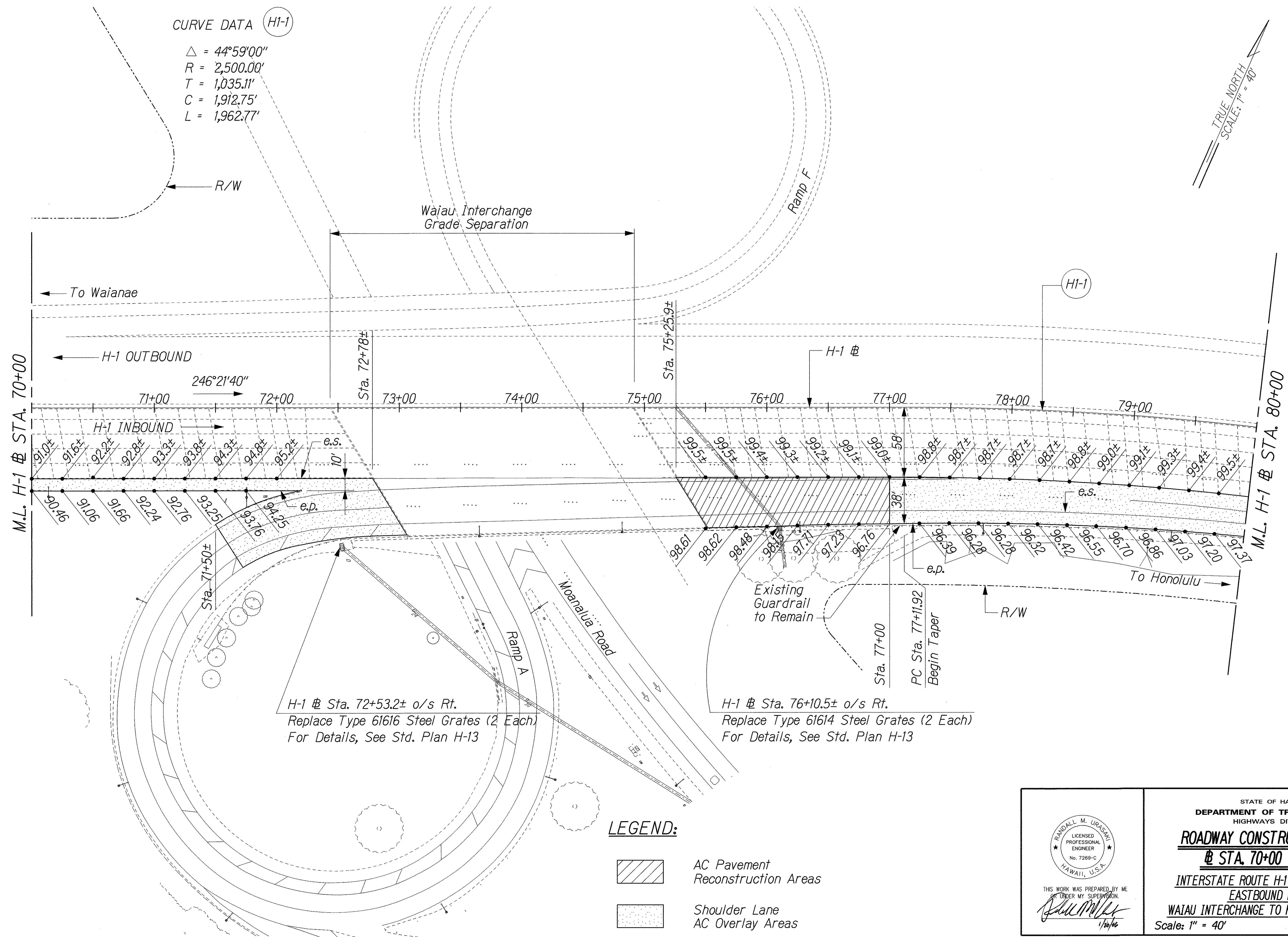
INTERSTATE ROUTE H-1 REHABILITATION
EASTBOUND LANES
WAIKUA INTERCHANGE TO KAIMAKANI STREET

Scale: 1" = 40' Date: Jan. 24, 2006

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(245)	2005	16	183

CURVE DATA H1-1
 $\Delta = 44^{\circ}59'00''$
 $R = 2,500.00'$
 $T = 1,035.11'$
 $C = 1,912.75'$
 $L = 1,962.77'$

TRUE NORTH
 SCALE: 1" = 40'



LEGEND:

- AC Pavement Reconstruction Areas
- Shoulder Lane AC Overlay Areas

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	CHECKED BY	
	QUANTITIES BY	

J:\COE H-1 REHAB\ROAD\RD-02.dgn

THIS WORK WAS PREPARED BY ME
 AND UNDER MY SUPERVISION.
Randall M. Uracki
 1/24/06

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

ROADWAY CONSTRUCTION PLAN
@ STA. 70+00 TO 80+00

INTERSTATE ROUTE H-1 REHABILITATION
 EASTBOUND LANES
 WAI'AU INTERCHANGE TO KAIMAKANI STREET

Scale: 1" = 40' Date: Jan. 24, 2006

SHEET No. C3 OF 39 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(245)	2005	17	183

CURVE DATA (H1-1)

Δ = 44°59'00"

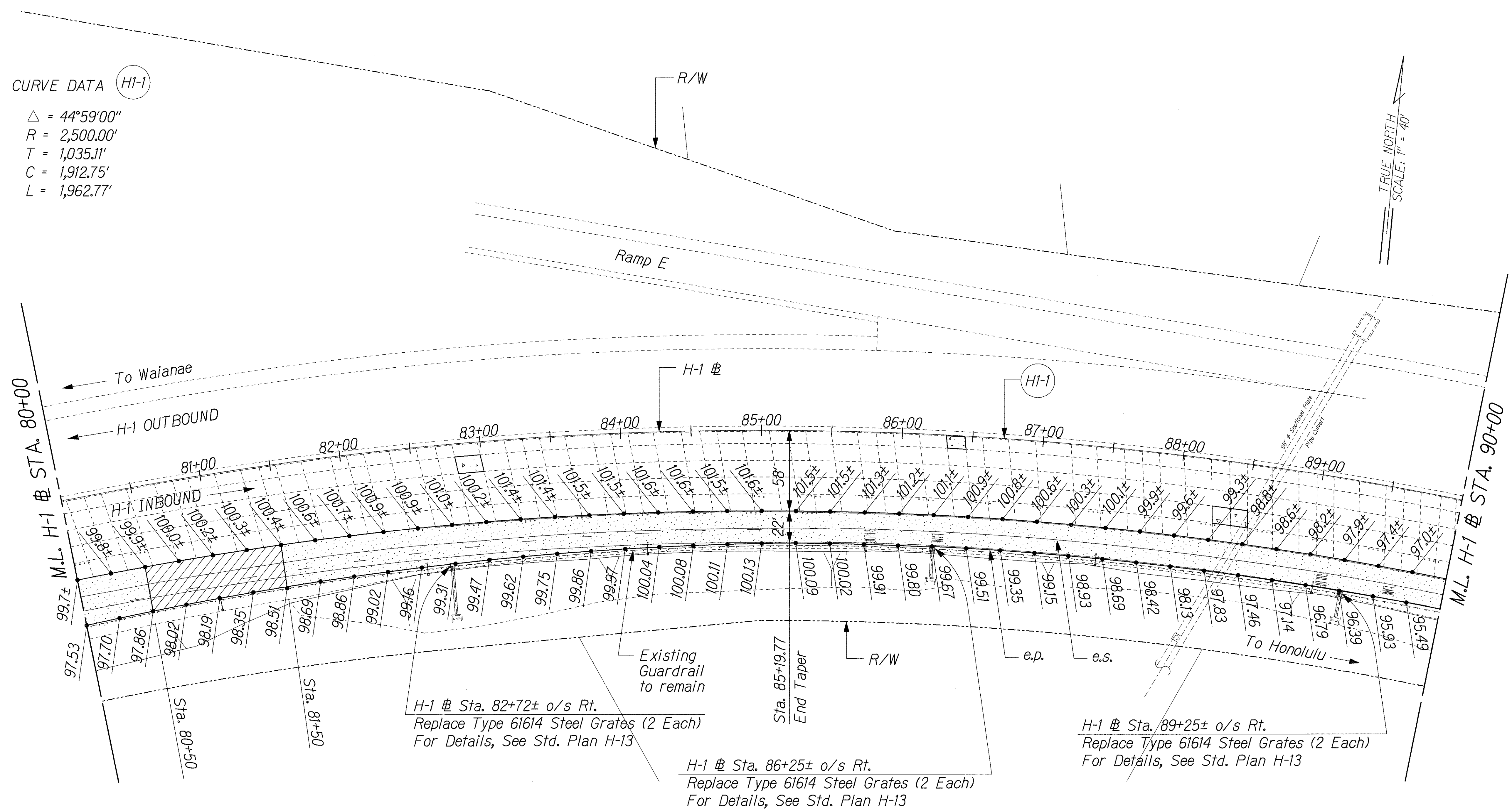
R = 2,500.00'

T = 1,035.11'

C = 1,912.75'

L = 1,962.77'

TRUE NORTH
SCALE: 1" = 40'



LEGEND:

- AC Pavement Reconstruction Areas
- Shoulder Lane AC Overlay Areas
- PCC Pavement Reconstruction Areas

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

\\COE H-1 REHAB/ROAD/10-03.dgn

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
1/20/06

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY CONSTRUCTION PLAN
@ STA. 80+00 TO 90+00

INTERSTATE ROUTE H-1 REHABILITATION
EASTBOUND LANES
WAI'AU INTERCHANGE TO KAIMAKANI STREET

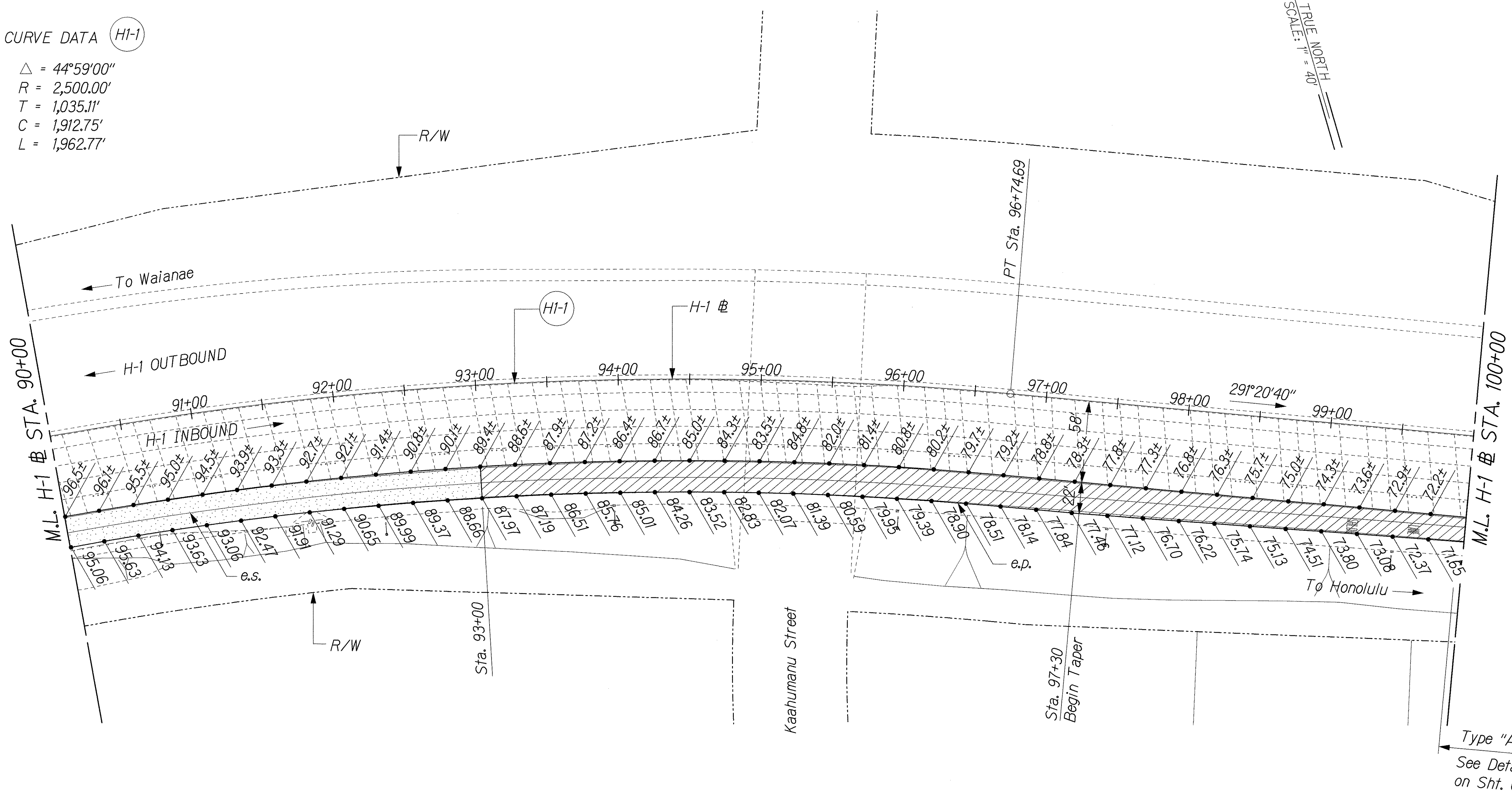
Scale: 1" = 40' Date: Jan. 24, 2006

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(245)	2005	18	183

CURVE DATA HI-1

$\Delta = 44^\circ 59' 00''$
 $R = 2,500.00'$
 $T = 1,035.11'$
 $C = 1,912.75'$
 $L = 1,962.77'$

TRUE NORTH
SCALE: 1" = 40'



LEGEND:

- AC Pavement Reconstruction Areas
- Shoulder Lane AC Overlay Areas

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	
	TRACED BY	
	NOTED BY	
NOTE BOOK	QUANTITIES BY	
	CHECKED BY	

J:\COE HI-1 REHAB\ROAD\RD-04.dgn

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

R. M. Uragami

1/24/06

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY CONSTRUCTION PLAN

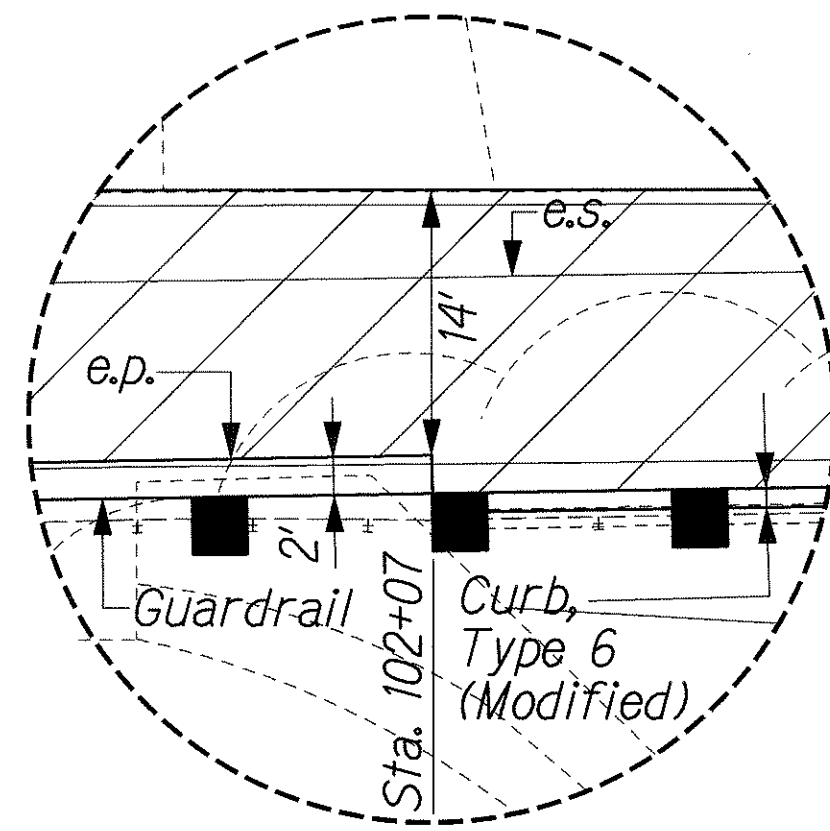
@ STA. 90+00 TO 100+00

INTERSTATE ROUTE HI-1 REHABILITATION
EASTBOUND LANES
WAI'AU INTERCHANGE TO KAIMAKANI STREET

Scale: 1" = 40' Date: Jan. 24, 2006

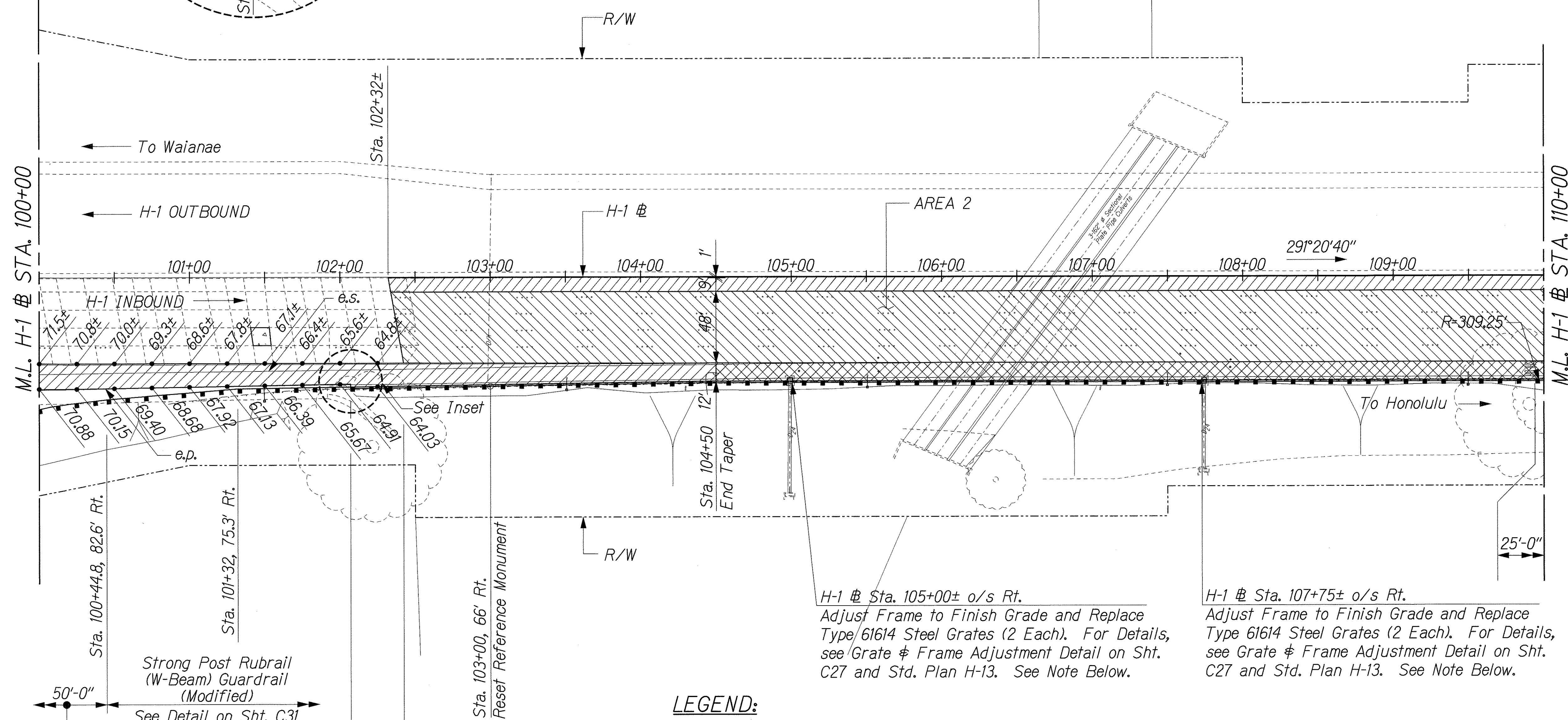
SHEET No. C5 OF 39 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(245)	2005	19	183



INSET
Scale: 1"=10'

TRUE NORTH
SCALE: 1" = 40'



H-1 @ Sta. 105+00± o/s Rt.
Adjust Frame to Finish Grade and Replace Type 61614 Steel Grates (2 Each). For Details, see Grate & Frame Adjustment Detail on Sht. C27 and Std. Plan H-13. See Note Below.

H-1 @ Sta. 107+75± o/s Rt.
Adjust Frame to Finish Grade and Replace Type 61614 Steel Grates (2 Each). For Details, see Grate & Frame Adjustment Detail on Sht. C27 and Std. Plan H-13. See Note Below.

LEGEND:

- AC Pavement Resurfacing Areas
- Shoulder Lane Reconstruction Areas
- AC Pavement Reconstruction Areas
- PCC Pavement Reconstruction Areas

Type "A" Flare
See Detail on Sht. C35

NOTE:

Adjust guardrail post spacing as necessary to straddle drainage inlets. Where post spacing is adjusted, the W-beam rail shall be double nested.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
DESIGNED BY	DRIVEN BY	
CHECKED BY	NOTED BY	

JG/COE H-1 REHAB/ROAD/10-05.dgn

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
1/24/06

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY CONSTRUCTION PLAN
@ STA. 100+00 TO 110+00

INTERSTATE ROUTE H-1 REHABILITATION
EASTBOUND LANES
WAI'AU INTERCHANGE TO KAIMAKANI STREET

Scale: 1" = 40' Date: Jan. 24, 2006

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1M-HI-1(245)	2005	20	183

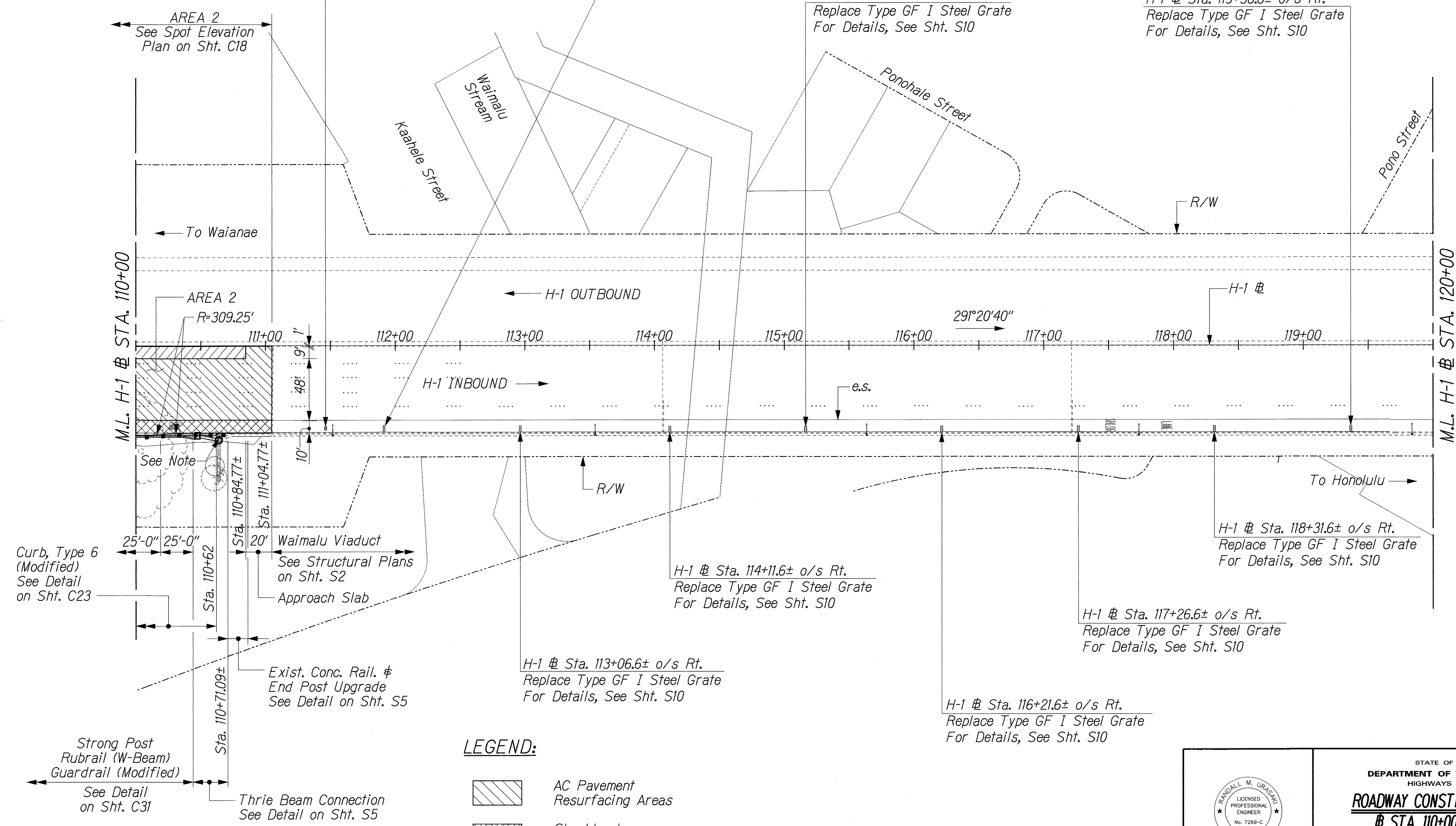
H-1 @ Sta. 111+44.7± o/s Rt.
Replace Type GF II Steel Grate
For Details, See Sht. S10

H-1 @ Sta. 111+90± o/s Rt.
Replace Type GF I Steel Grate
For Details, See Sht. S10

H-1 @ Sta. 115+16.6± o/s Rt.
Replace Type GF I Steel Grate
For Details, See Sht. S10

H-1 @ Sta. 119+36.6± o/s Rt.
Replace Type GF I Steel Grate
For Details, See Sht. S10

TRUE NORTH
SCALE: 1" = 40'



NOTE:

Existing drain inlet to be removed.
See detailed Drainage Plan on Sht. C27

LEGEND:

- AC Pavement Resurfacing Areas
- Shoulder Lane Reconstruction Areas
- AC Pavement Reconstruction Areas

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

J:\COE H-1 REHAB\ROAD\RD-06.dgn

THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION
R. M. Uragami
1/24/06

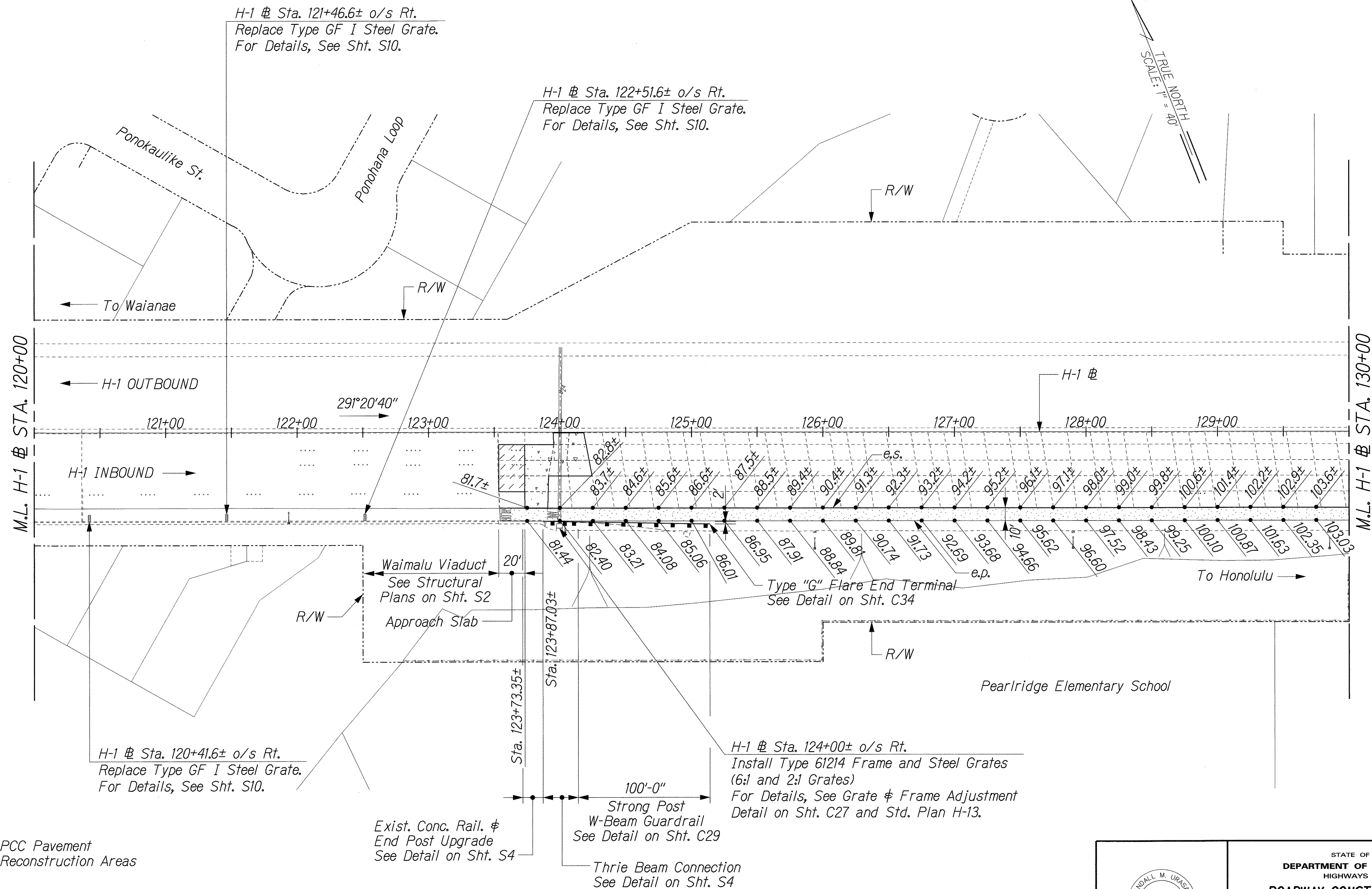
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY CONSTRUCTION PLAN
@ STA. 110+00 TO 120+00

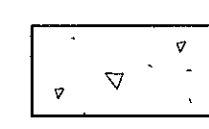
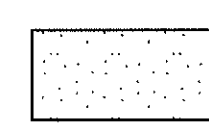
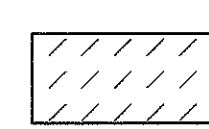
INTERSTATE ROUTE H-1 REHABILITATION
EASTBOUND LANES
WAIU INTERCHANGE TO KAIMAKANI STREET

Scale: 1" = 40' Date: Jan. 24, 2006

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(245)	2005	21	183



LEGEND:

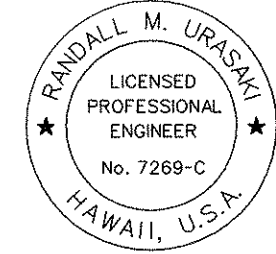
-  PCC Pavement Reconstruction Areas
-  Shoulder Lane AC Overlay Areas
-  PCC Pavement Lifting Areas

NOTE:

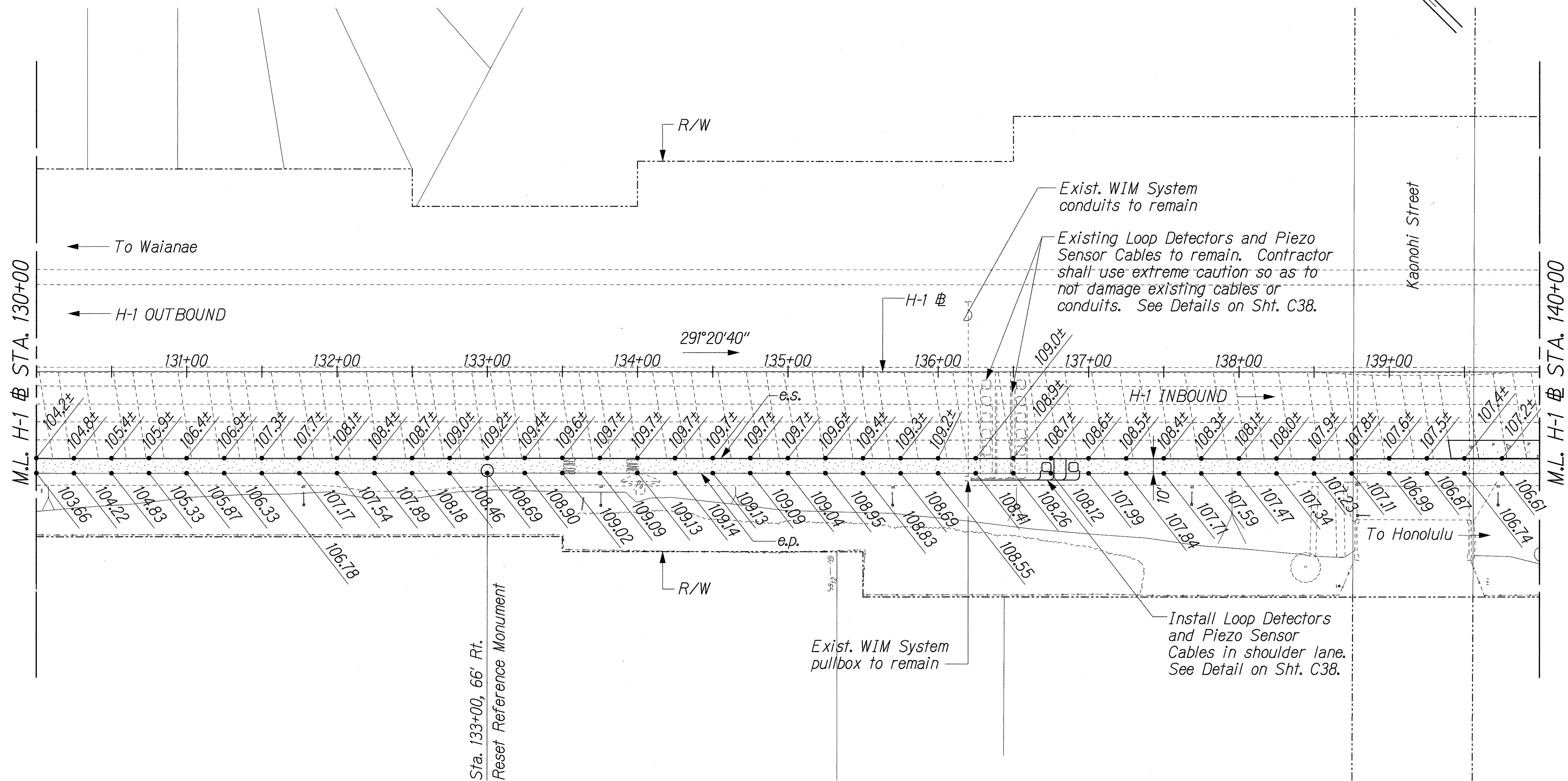
PCC Pavement reconstruction shall proceed only after Approach slab pavement is lifted to final grade.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTED BY	DRAWN BY	
CHECKED BY	DESIGNED BY	
	CHECKED BY	

J:\C06 H-1 REHAB\ROAD\RD-07.dgn

 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION <i>Randall M. Urasaki</i> 1/24/06	STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION ROADWAY CONSTRUCTION PLAN @ STA. 120+00 TO 130+00 INTERSTATE ROUTE H-1 REHABILITATION EASTBOUND LANES WAI'AU INTERCHANGE TO KAIMAKANI STREET Scale: 1" = 40' Date: Jan. 24, 2006
	SHEET No. C8 OF 39 SHEETS
	21

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(245)	2005	22	183



LEGEND:

- PCC Pavement Reconstruction Areas
- Shoulder Lane AC Overlay Areas

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

J:\COE H-1 REHAB\ROAD\RD-08.dgn

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

R. M. Urasaki

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY CONSTRUCTION PLAN
@ STA. 130+00 TO 140+00

INTERSTATE ROUTE H-1 REHABILITATION
EASTBOUND LANES
WAI'AU INTERCHANGE TO KAIMAKANI STREET

Scale: 1" = 40' Date: Jan. 24, 2006

SHEET No. C9 OF 39 SHEETS

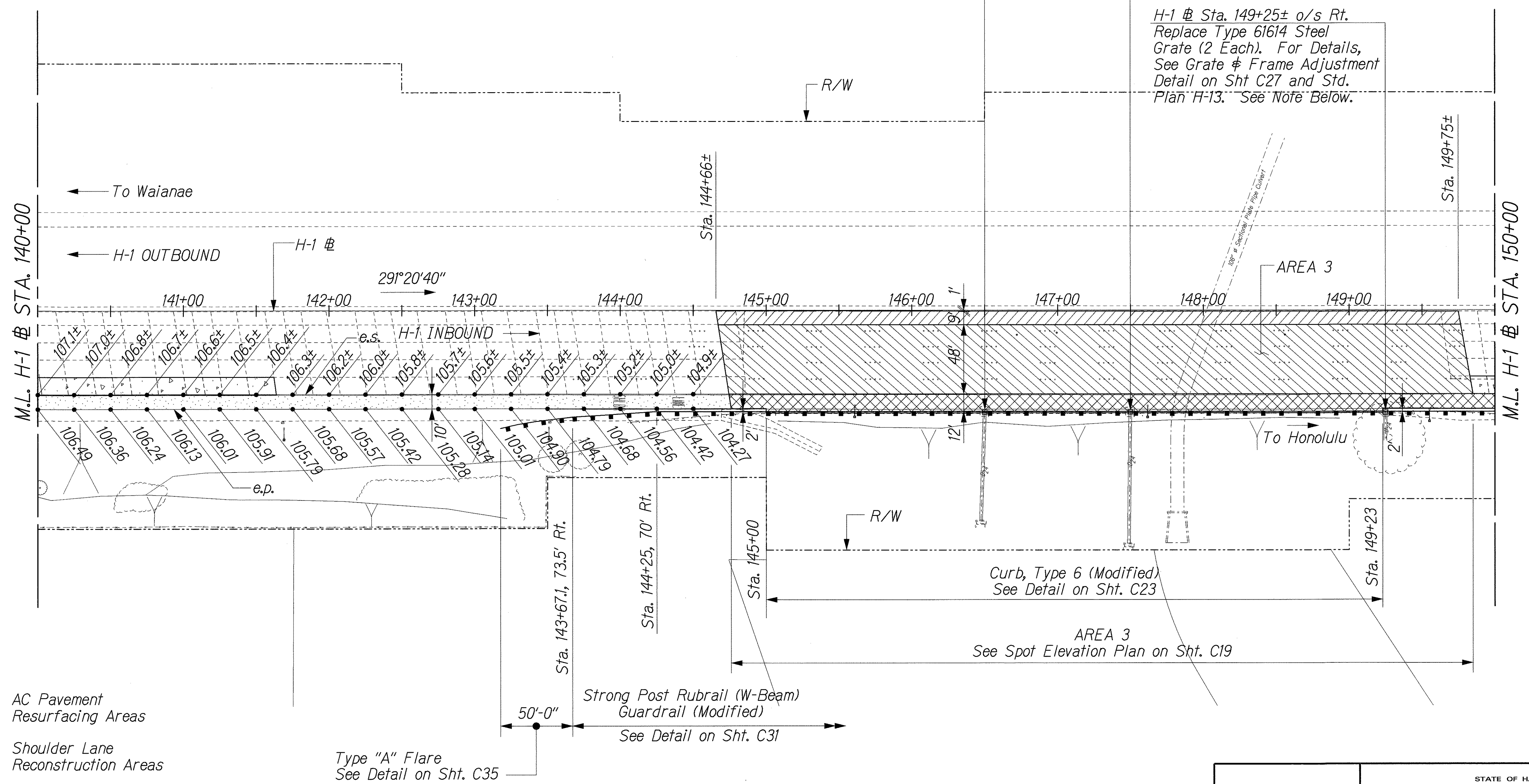
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(245)	2005	23	183

TRUE NORTH
SCALE: 1" = 40'

H-1 @ Sta. 146+50± o/s Rt.
Replace Type 61614 Steel
Grate (2 Each). For Details,
See Grate & Frame Adjustment
Detail on Sht C27 and Std.
Plan H-13. See Note Below.

H-1 @ Sta. 147+50± o/s Rt.
Replace Type 61614 Steel
Grate (2 Each). For Details,
See Grate & Frame Adjustment
Detail on Sht C27 and Std.
Plan H-13. See Note Below.

H-1 @ Sta. 149+25± o/s Rt.
Replace Type 61614 Steel
Grate (2 Each). For Details,
See Grate & Frame Adjustment
Detail on Sht C27 and Std.
Plan H-13. See Note Below.



LEGEND:

- AC Pavement Resurfacing Areas
- Shoulder Lane Reconstruction Areas
- AC Pavement Reconstruction Areas
- PCC Pavement Reconstruction Areas
- Shoulder Lane AC Overlay Areas

Type "A" Flare
See Detail on Sht. C35

NOTE:

Adjust guardrail post spacing as necessary to straddle drainage inlets. Where post spacing is adjusted, the W-beam rail shall be double nested.

SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
DATE	

1/2/06 H-1 REHAB/ROAD/RD-09.dgn

THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION
Randall M. Urasaki
1/24/06

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY CONSTRUCTION PLAN
@ STA. 140+00 TO 150+00

INTERSTATE ROUTE H-1 REHABILITATION
EASTBOUND LANES
WAI'AU INTERCHANGE TO KAIMAKANI STREET

Scale: 1" = 40' Date: Jan. 24, 2006

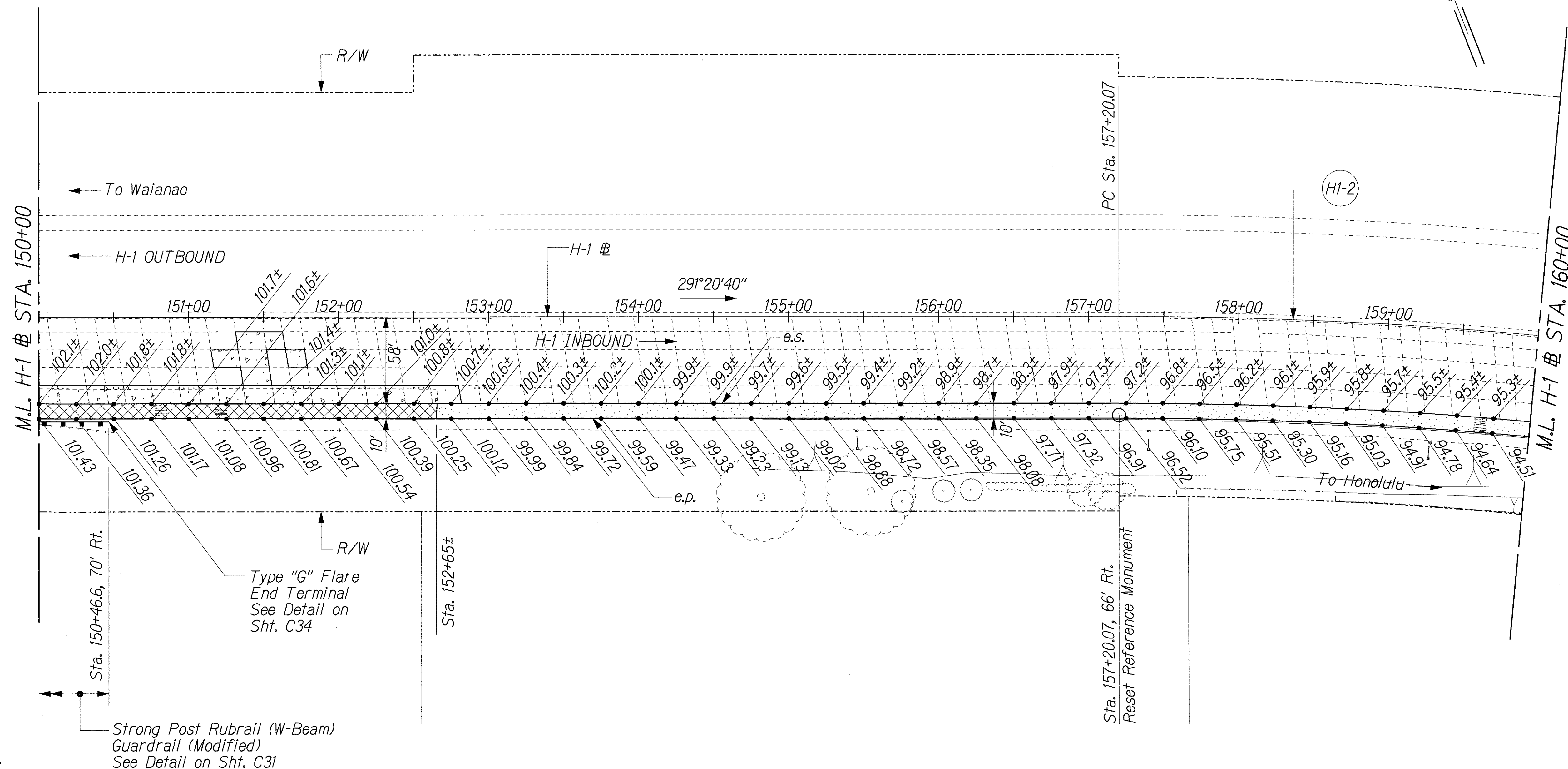
SHEET No. C10 OF 39 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(245)	2005	24	183

CURVE DATA HI-2

$\Delta = 33^\circ 47' 00''$
 $R = 3,000.00'$
 $T = 910.99'$
 $C = 1,743.38'$
 $L = 1,768.89'$

TRUE NORTH
 SCALE: 1" = 40'



LEGEND:

- Shoulder Lane Reconstruction Areas
- Shoulder Lane AC Overlay Areas
- PCC Pavement Reconstruction Areas

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

42/COE H-1 REHAB/ROAD/RO-10.dgn

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
1/24/06

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY CONSTRUCTION PLAN

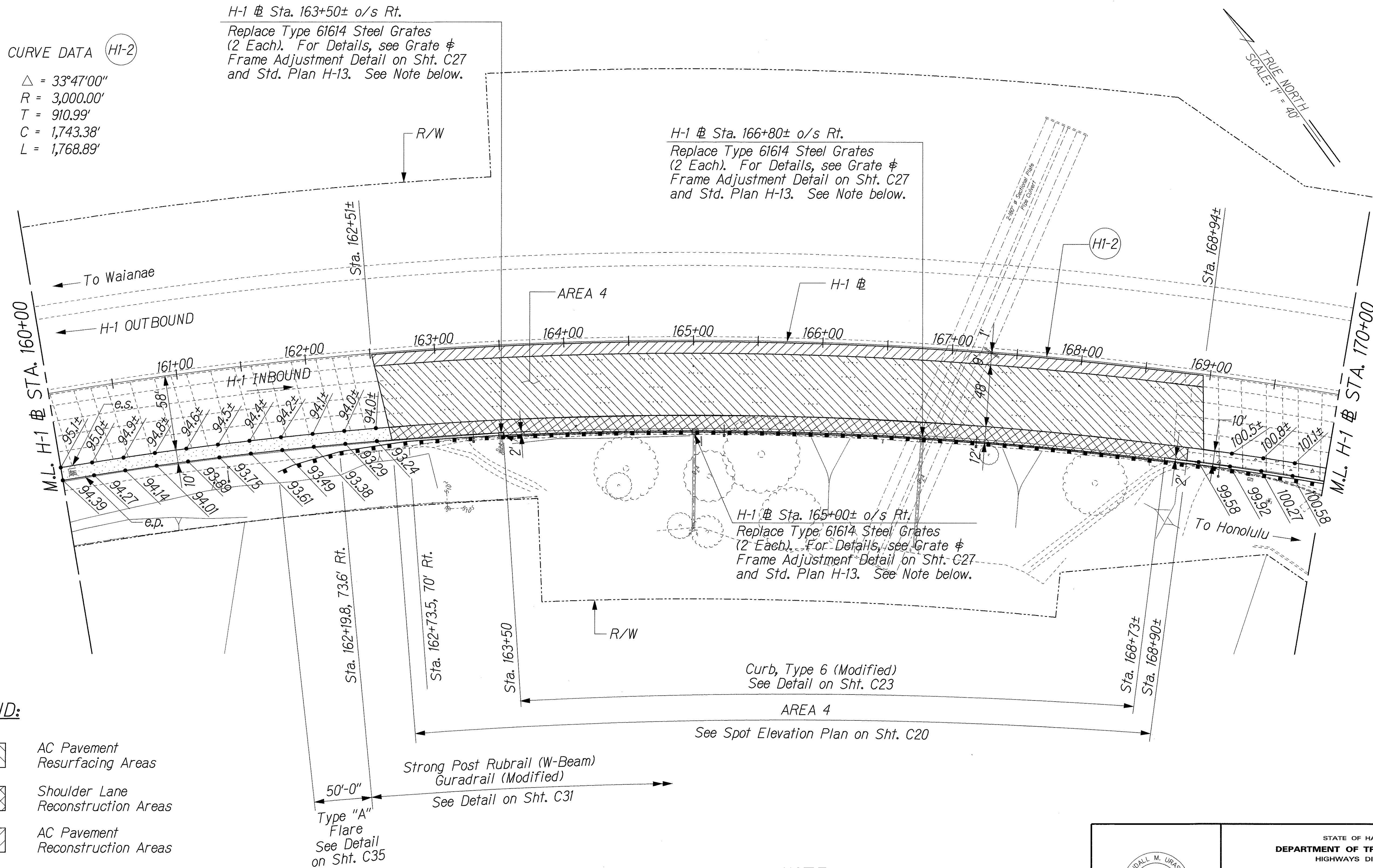
STA. 150+00 TO 160+00

INTERSTATE ROUTE H-1 REHABILITATION
EASTBOUND LANES
WAI'AU INTERCHANGE TO KAIMAKANI STREET

Scale: 1" = 40' Date: Jan. 24, 2006

SHEET No. C11 OF 39 SHEETS

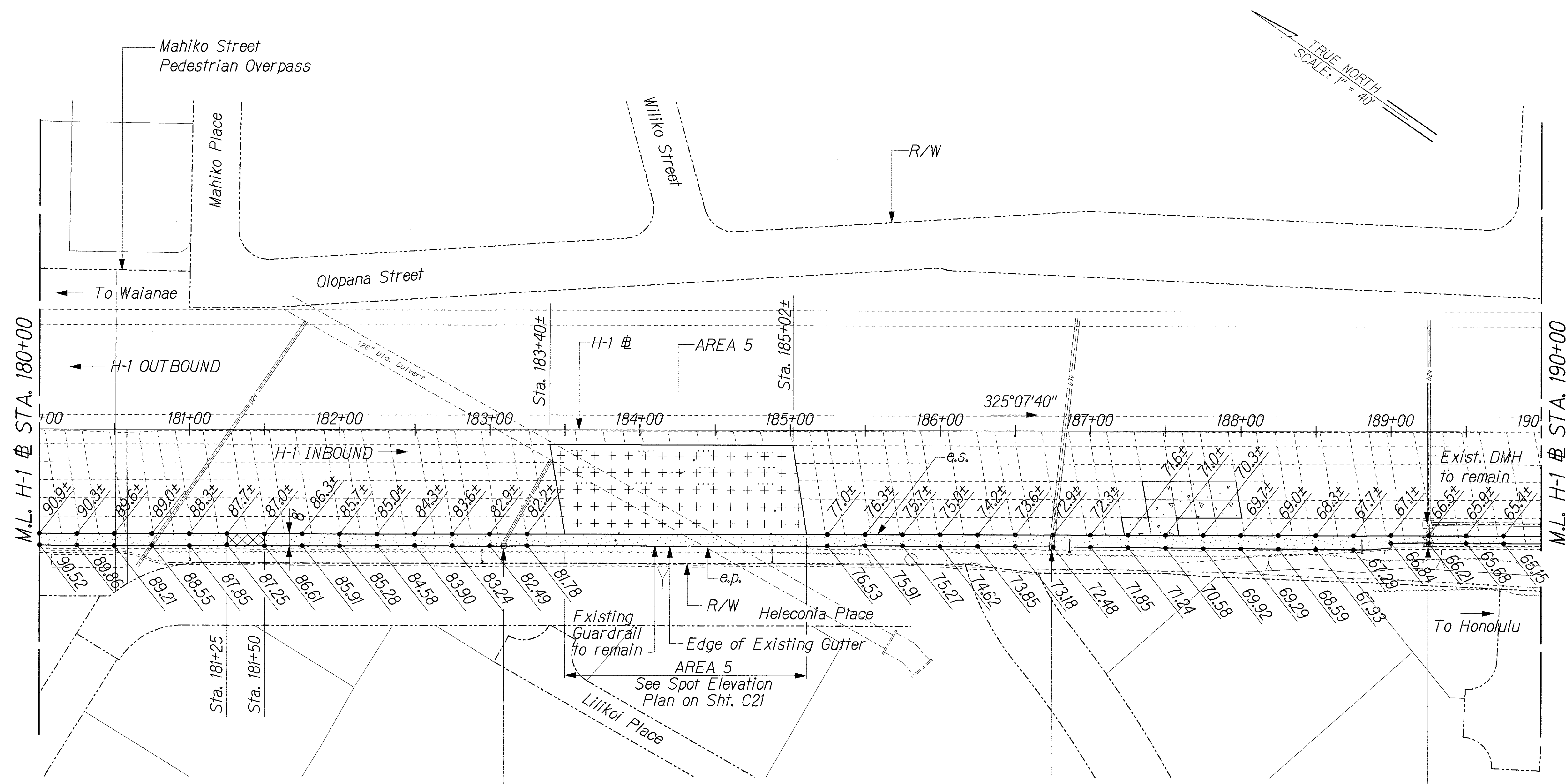
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-H1-K(245)	2005	25	183



SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
NO.	

J2/COE H-1 REHAB/ROAD/RO-11dgn

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1M-H1-1(245)	2005	27	183



LEGEND:

- Shoulder Lane Reconstruction Areas
- AC Overlay Resurfacing Areas
- Shoulder Lane AC Overlay Areas
- PCC Pavement Reconstruction Areas

H-1 @ Sta. 183+09± o/s Rt.
Replace Type 61614 Steel Grates (2 Each)
For Details, See Std. Plan H-13

H-1 @ Sta. 186+72± o/s Rt.
Replace Type 61614 Steel Grates (2 Each)
For Details, See Std. Plan H-13

H-1 @ Sta. 189+25± o/s Rt.
Replace Type A-9 Steel Grates (2 Each)
For Details, See Std. Plan H-09

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
NOTE BOOK	
CHECKED BY	
NO.	

1/2 COE H-1 REHAB/ROAD/RD-13.dgn

THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.
R. M. Uracki
1/24/06

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

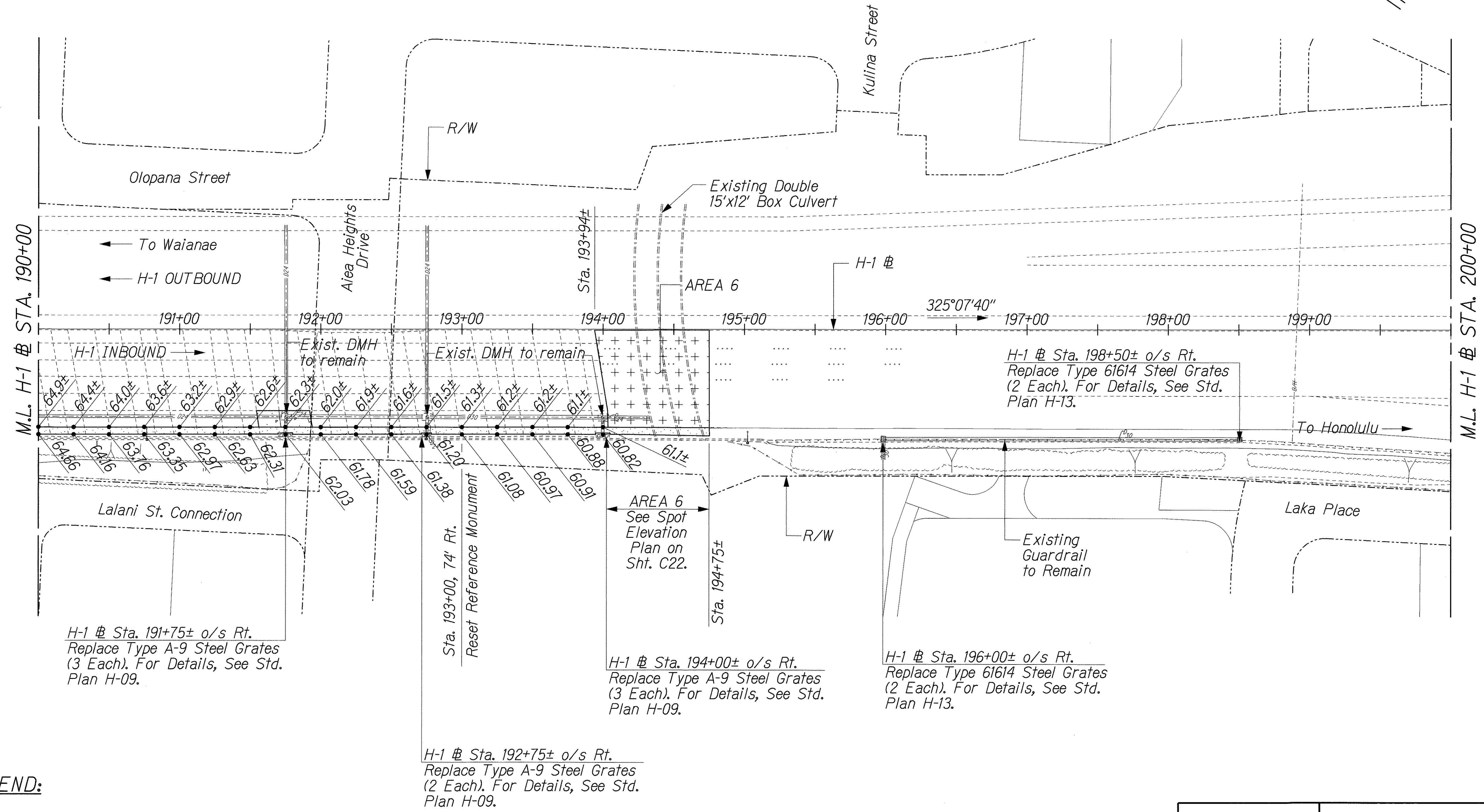
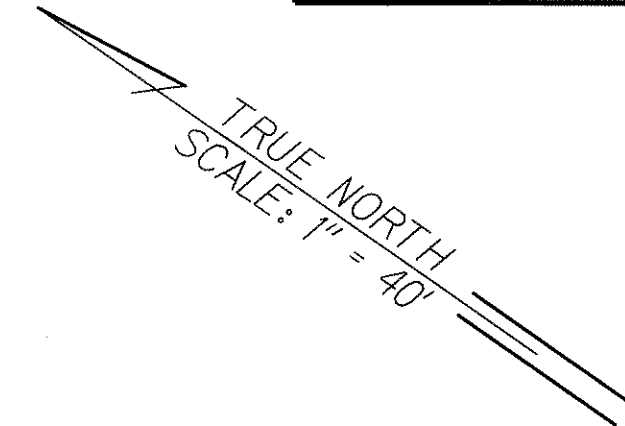
ROADWAY CONSTRUCTION PLAN
@ STA. 180+00 TO 190+00

INTERSTATE ROUTE H-1 REHABILITATION
EASTBOUND LANES
WAI'AU INTERCHANGE TO KAIMAKANI STREET

Scale: 1" = 40' Date: Jan. 24, 2006

SHEET No. C14 OF 39 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-H1-K(245)	2005	28	183



LEGEND:

- AC Overlay
Resurfacing Areas
- Shoulder Lane
AC Overlay Areas
- PCC Pavement
Reconstruction Areas

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NOTED BY	
DATE	

J:\COE H-1 REHAB\ROAD\RD-14.dgn

THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.
Randall M. Urasak
1/24/06

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

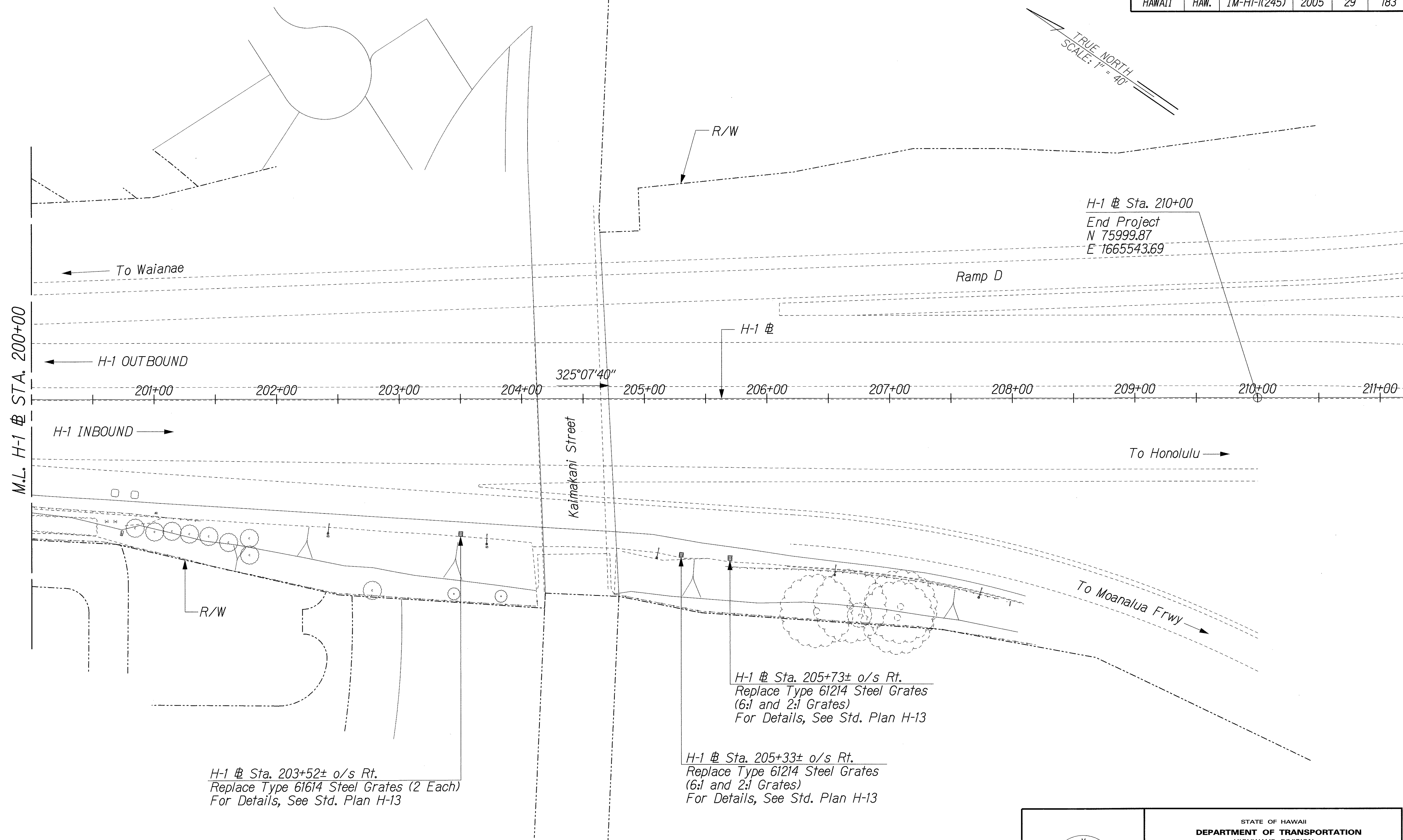
ROADWAY CONSTRUCTION PLAN
STA. 190+00 TO STA. 200+00

INTERSTATE ROUTE H-1 REHABILITATION
EASTBOUND LANES
WAI'AU INTERCHANGE TO KAIMAKANI STREET

Scale: 1" = 40' Date: Jan. 24, 2006

SHEET No. C15 OF 39 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-HI-1(245)	2005	29	183



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

U:\COE H-1 REHAB\ROAD\RD-15.dgn

THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION
R. M. Uragami
1/24/06

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY CONSTRUCTION PLAN
STA. 200+00 TO END PROJECT

INTERSTATE ROUTE H-1 REHABILITATION
EASTBOUND LANES
WAI'AU INTERCHANGE TO KAIMAKANI STREET

Scale: 1" = 40' Date: Jan. 24, 2006

SHEET No. C16 OF 39 SHEETS