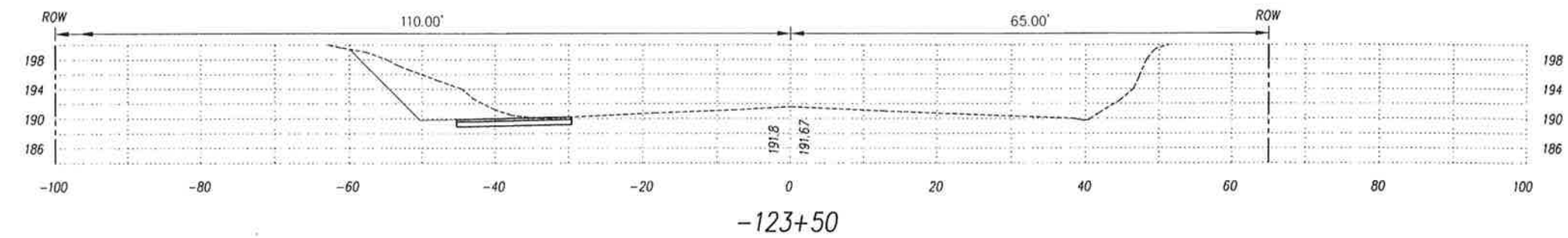
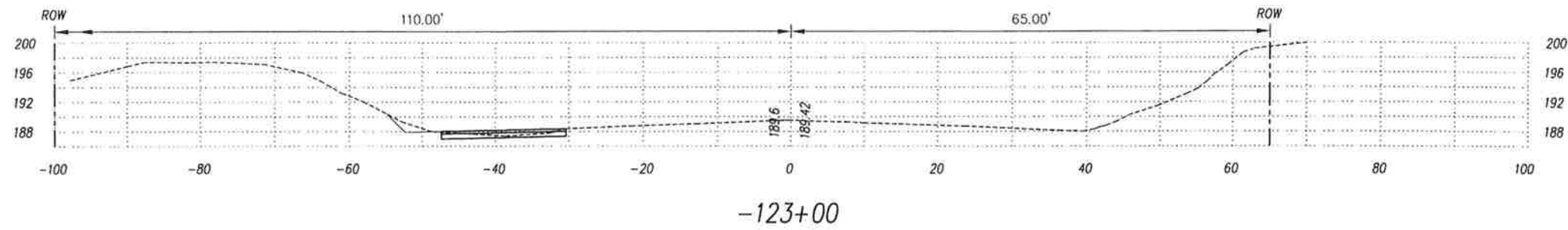
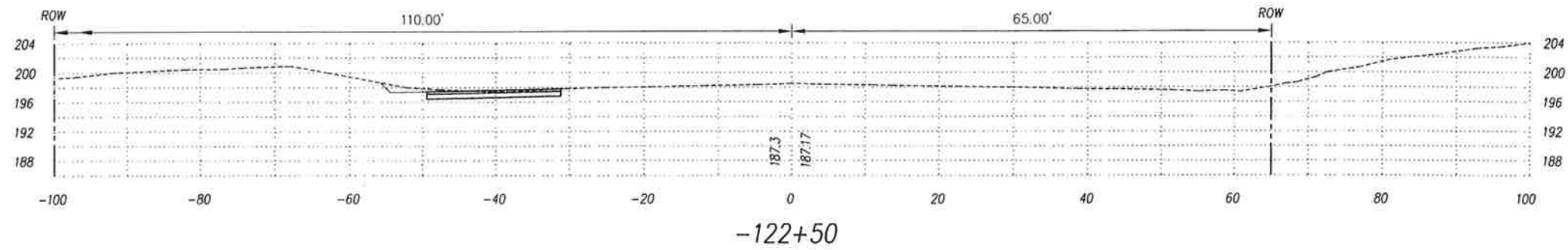


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	151	315



ORIGINAL SURVEY PLOTTED BY _____ DATE _____

PLAN _____

NOTE BOOK _____

DESIGNED BY _____

QUANTITIES BY _____

CHECKED BY _____

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HIGHWAYS DIVISION

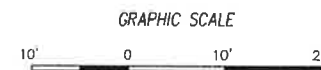
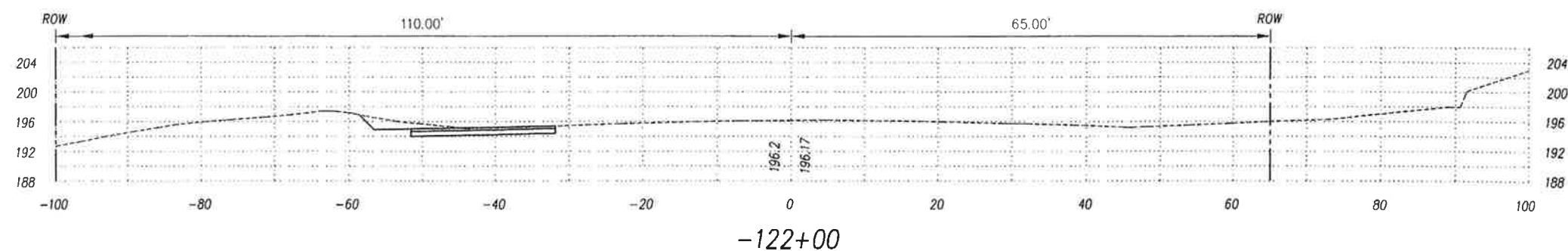
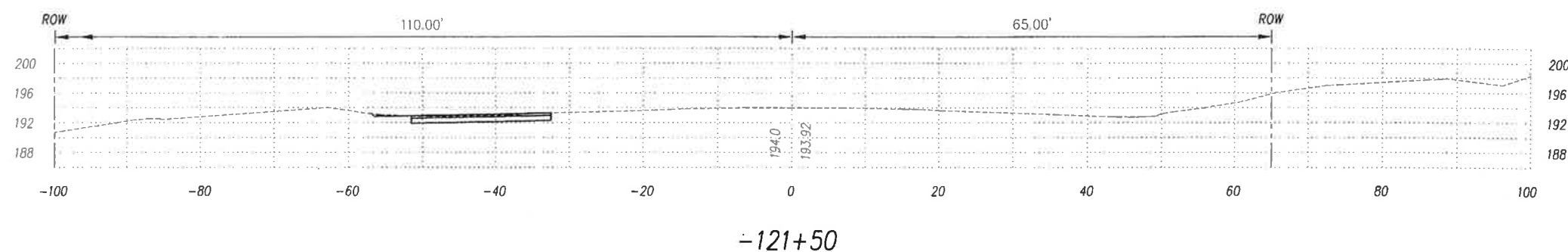
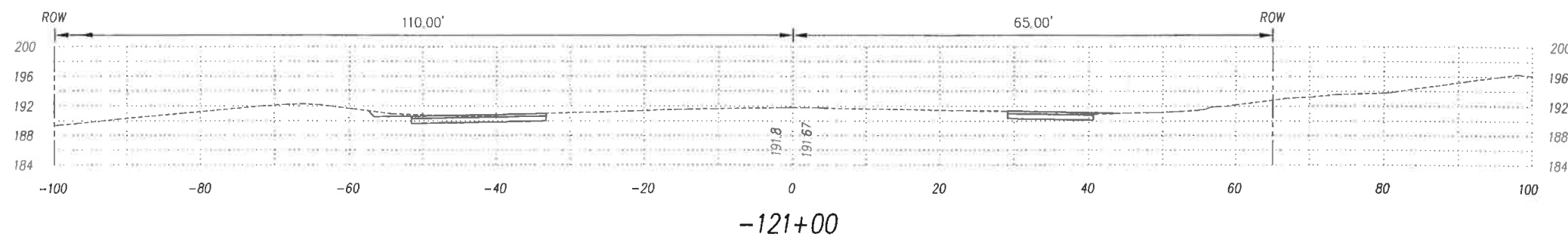
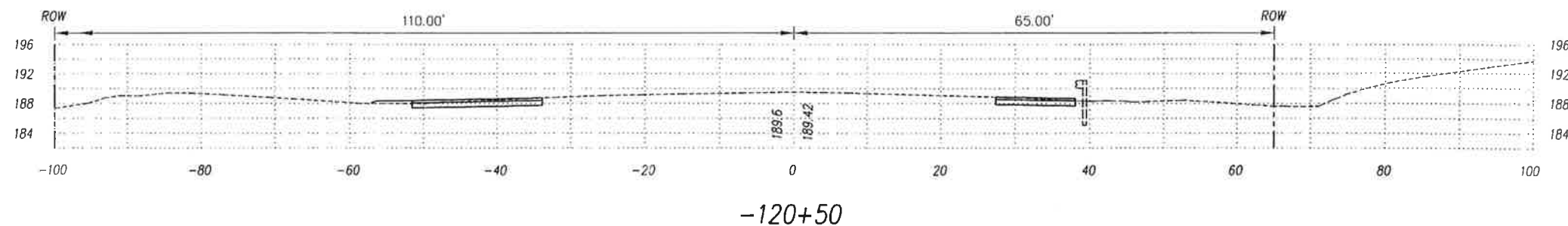
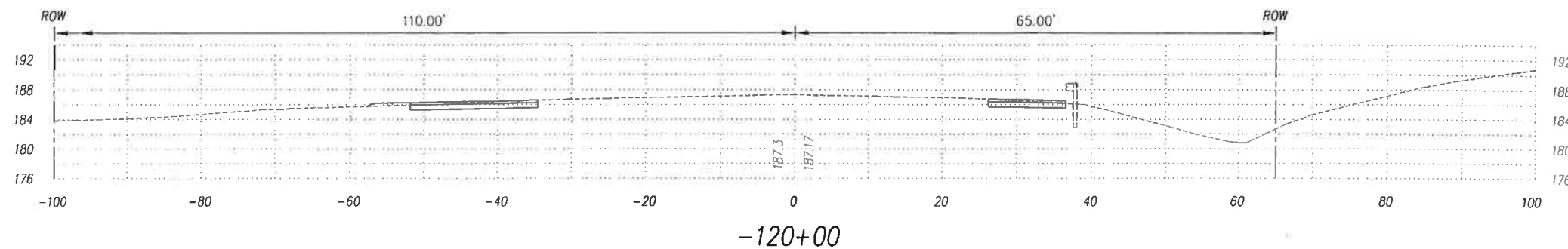
CROSS SECTIONS

QUEEN KAAHUMANU HIGHWAY WIDENING
HENRY ST. to KEALAKEHE PKWY - PHASE I
Federal Aid Project No. NH-019-1(20)
Scale: 1" = 10' Date: November 2009

SHEET No. 1 OF 73 SHEETS

AS-BUILT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	152	315



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CROSS SECTIONS

QUEEN KAAHUMANU HIGHWAY WIDENING
HENRY ST. to KEALAKEHE PKWY - PHASE I

Federal Aid Project No. NH-019-1(20)

Scale: 1" = 10'

Date: November 2009

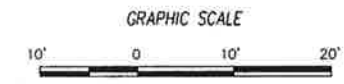
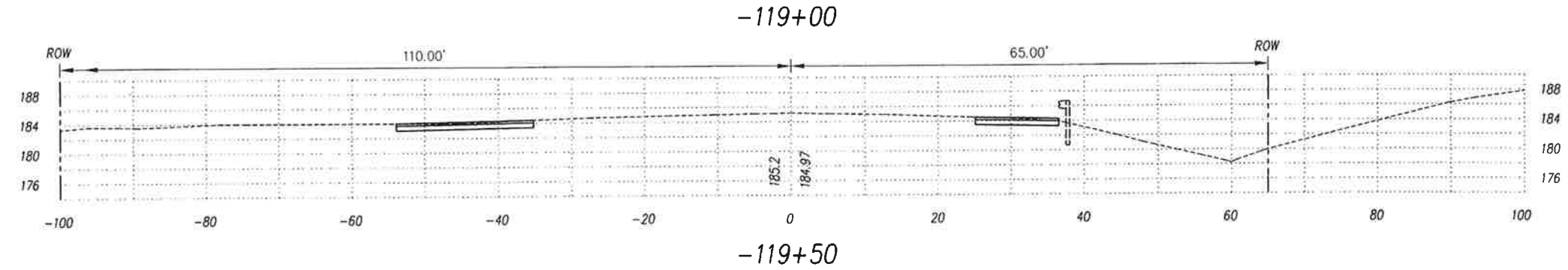
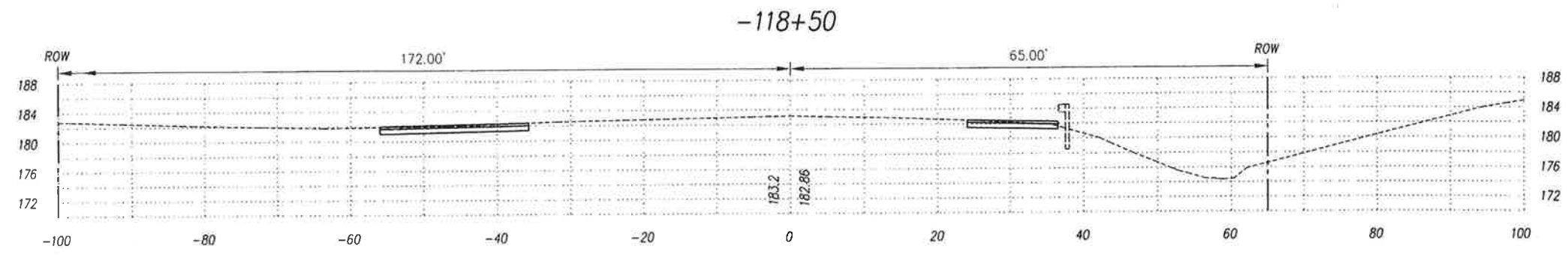
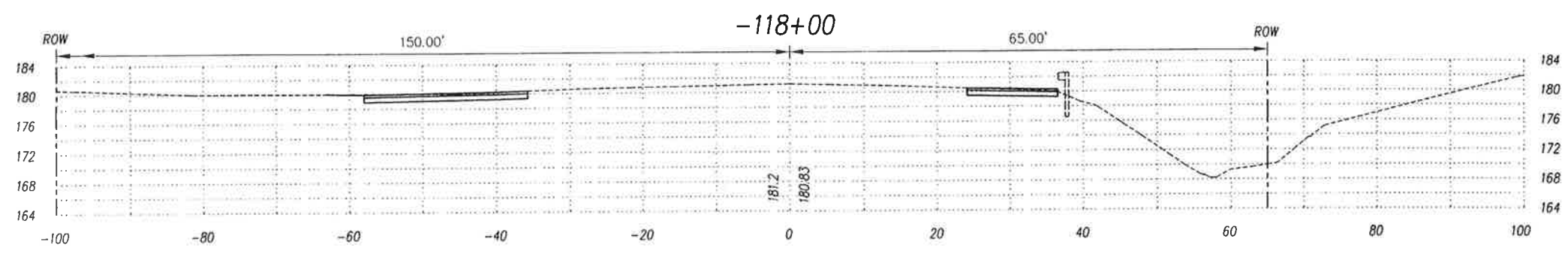
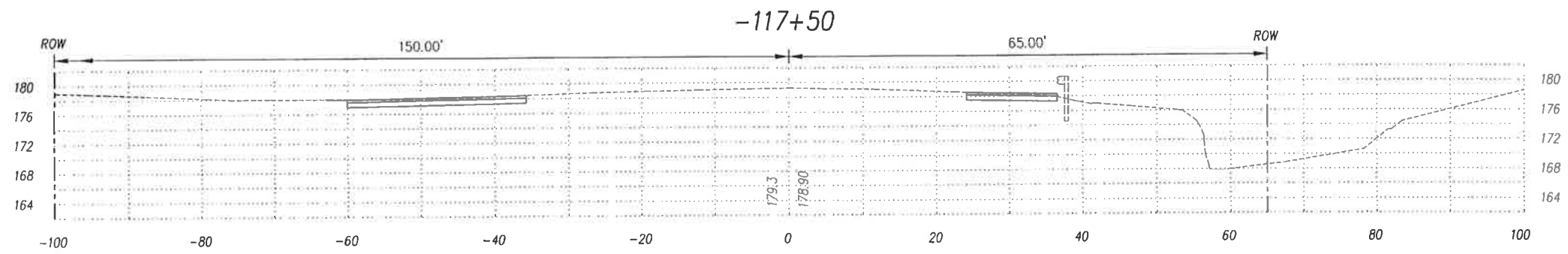
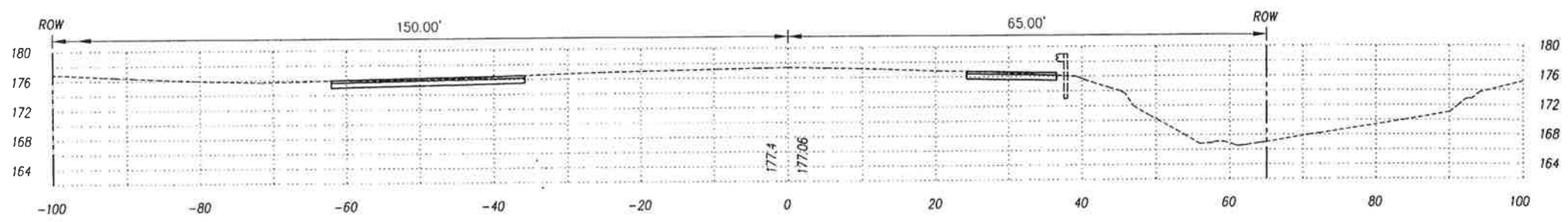
SHEET No. 2 OF 73 SHEETS

AS-BUILT

152

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	153	315



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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CROSS SECTIONS

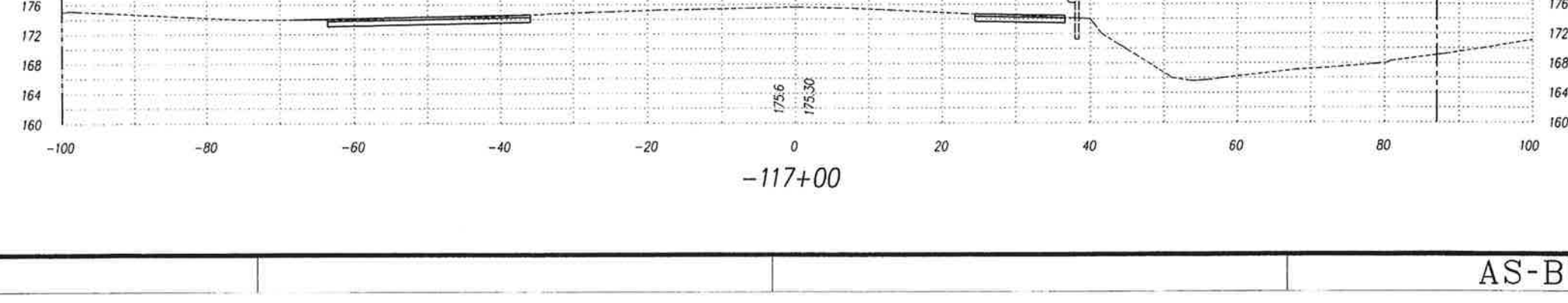
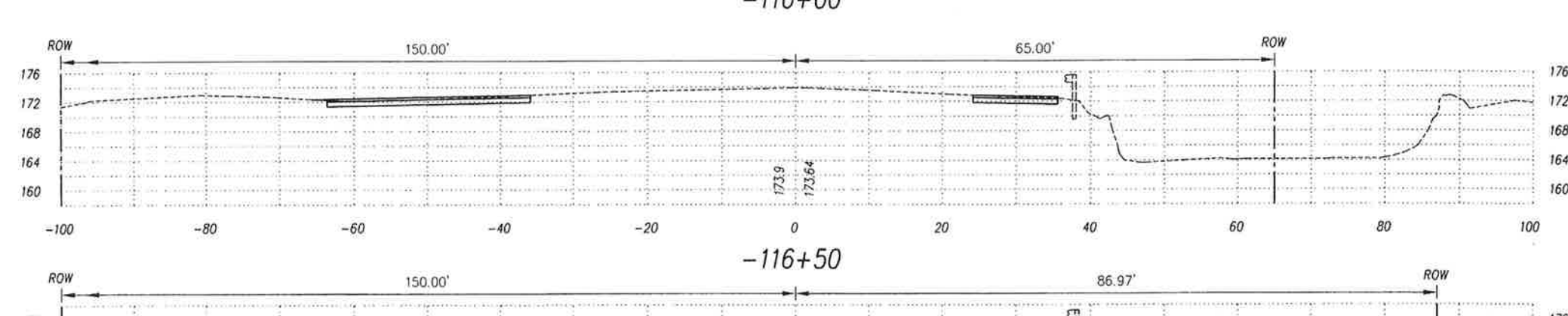
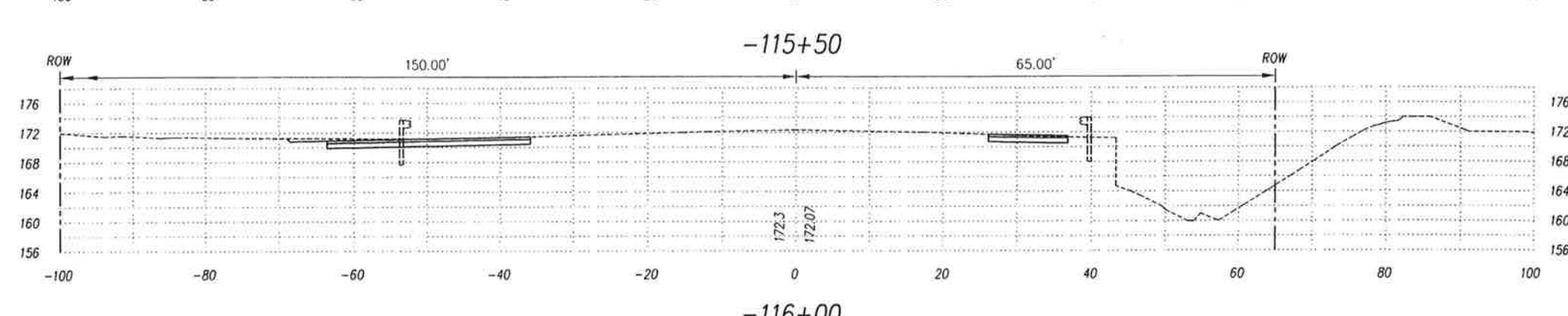
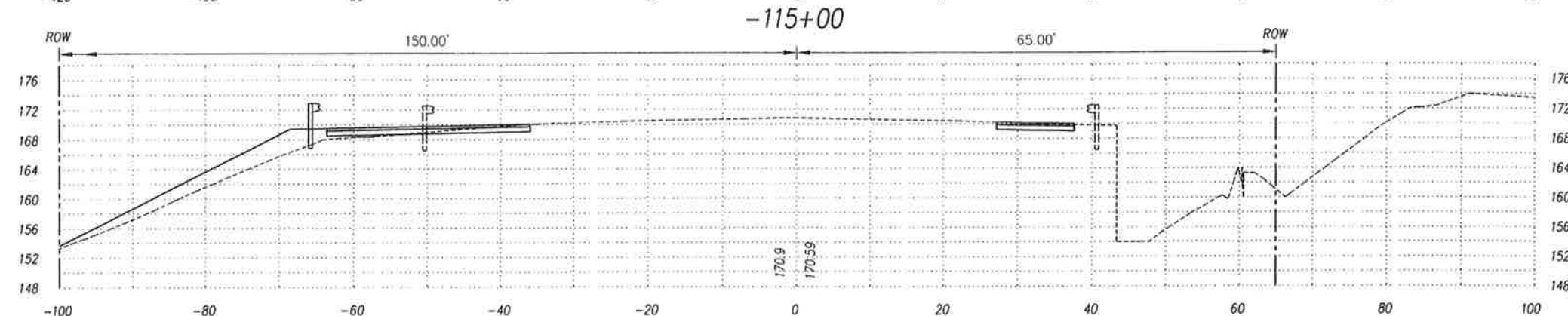
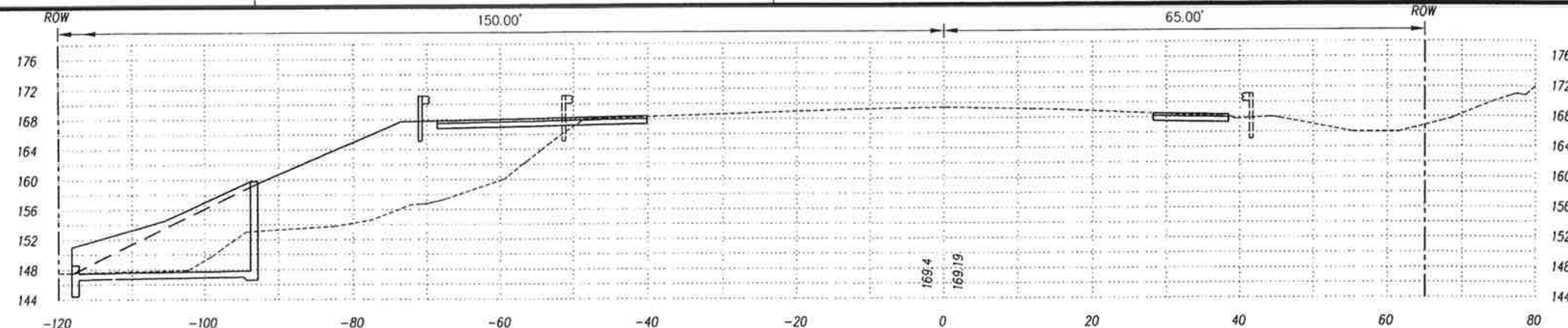
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HENRY ST. to KEALAKEHE PKWY - PHASE I
Federal Aid Project No. NH-019-1(20)
Scale: 1" = 10' Date: November 2009

SHEET No. 3 OF 73 SHEETS

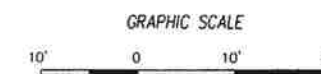
ORIGINAL SURVEY PLOTTED BY _____ DATE _____
PLAN DESIGNED BY _____
NOTE BOOK DESIGNED BY _____
QUANTITIES BY _____
CHECKED BY _____
No. _____

AS-BUILT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	154	315



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



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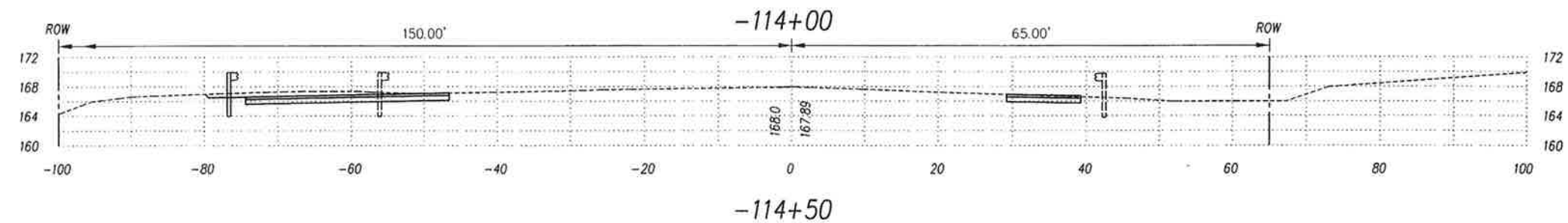
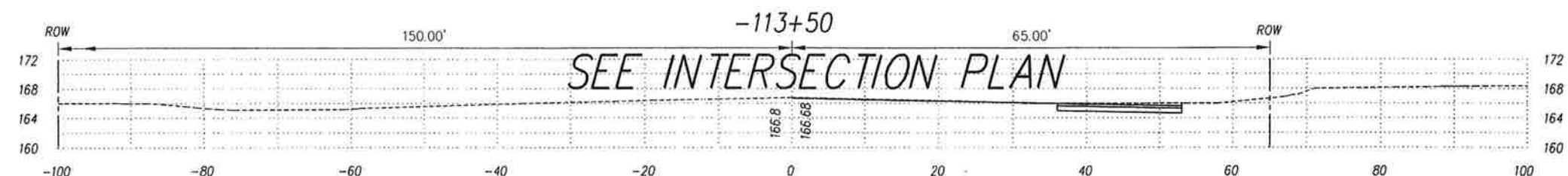
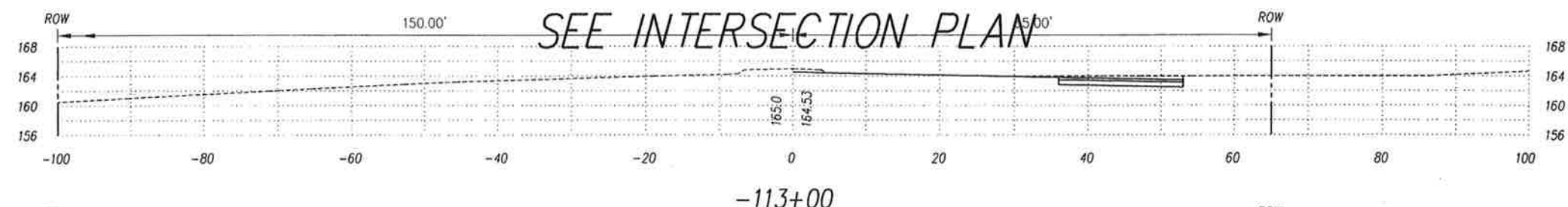
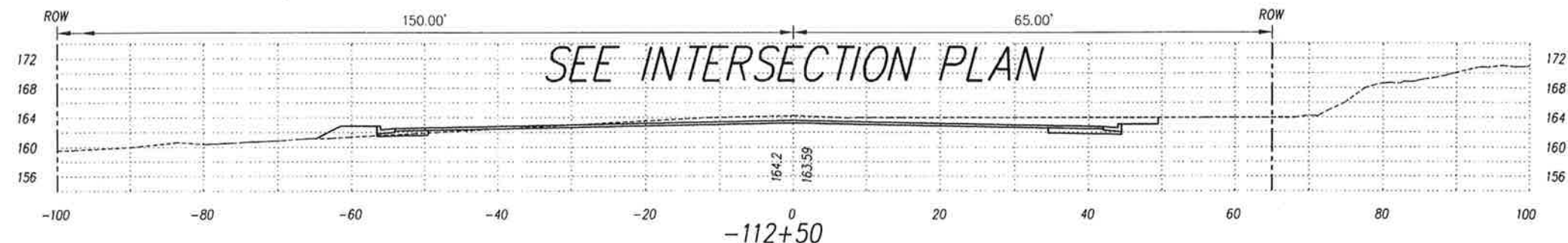
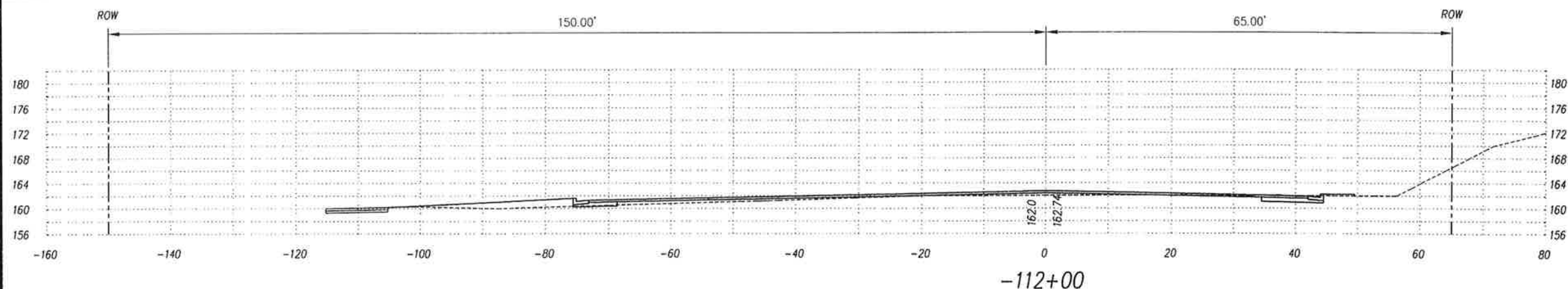
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
CROSS SECTIONS
 QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE I
 Federal Aid Project No. NH-019-1(20)
 Scale: 1" = 10' Date: November 2009

SHEET No. 4 OF 73 SHEETS

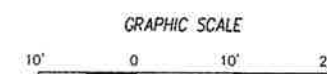
AS-BUILT

154

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	155	315



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



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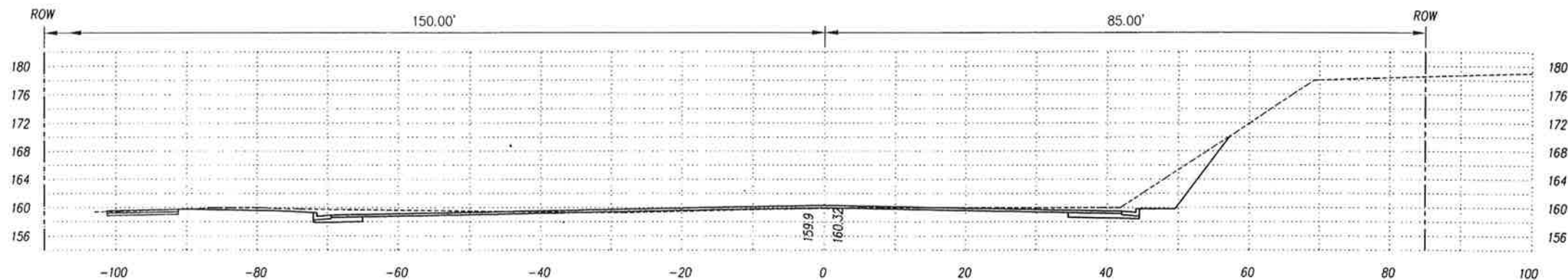
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

CROSS SECTIONS

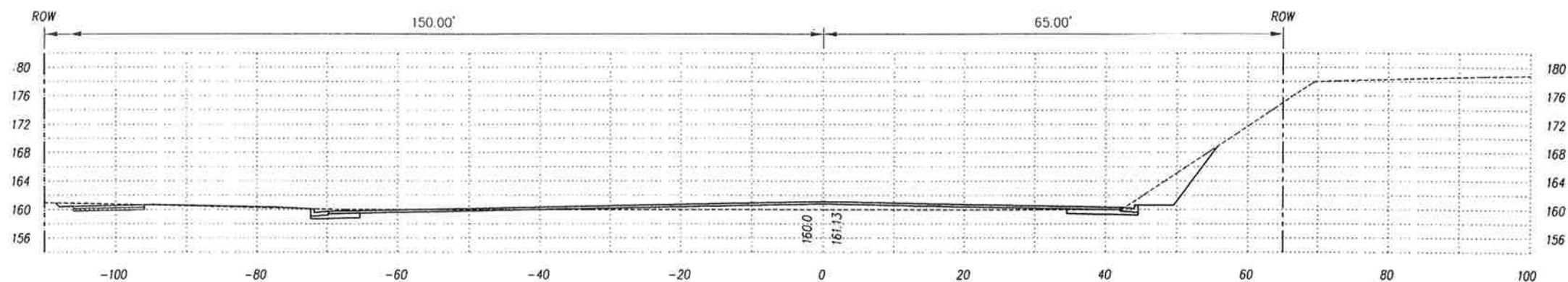
QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE I
 Federal Aid Project No. NH-019-1(20)
 Scale: 1" = 10' Date: November 2009

AS-BUILT

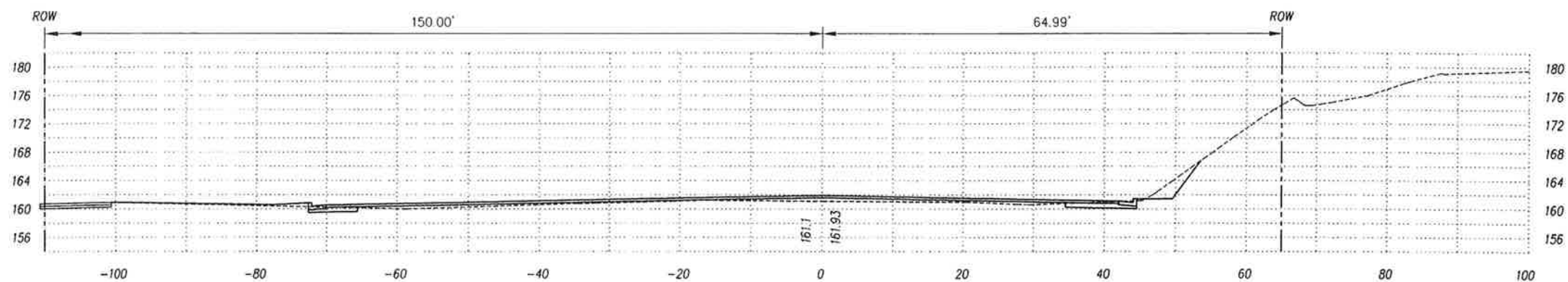
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	156	315



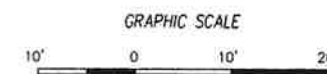
-110+50



-111+00



-111+50



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CROSS SECTIONS

QUEEN KAAHUMANU HIGHWAY WIDENING
HENRY ST. to KEALAKEHE PKWY - PHASE I
Federal Aid Project No. NH-019-1(20)

Scale: 1" = 10' Date: November 2009

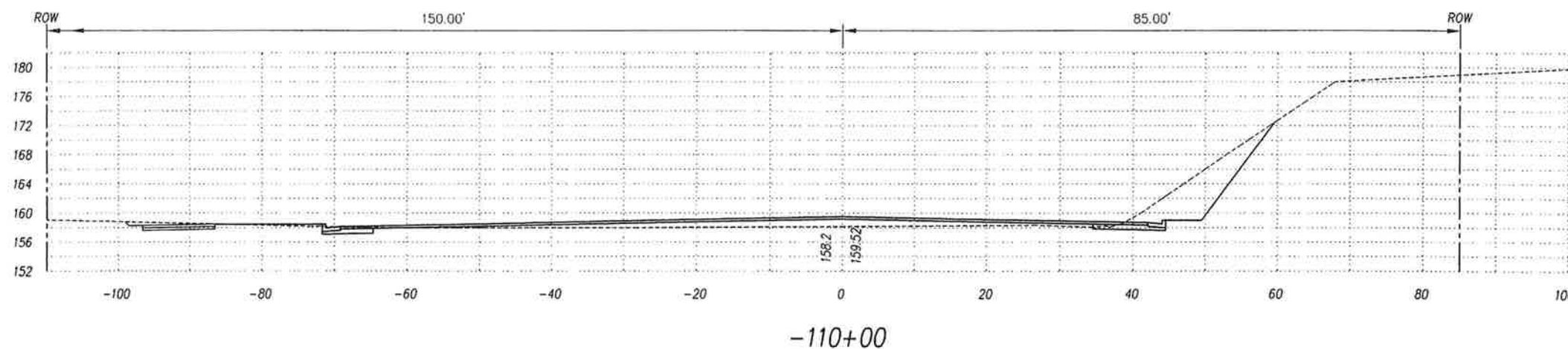
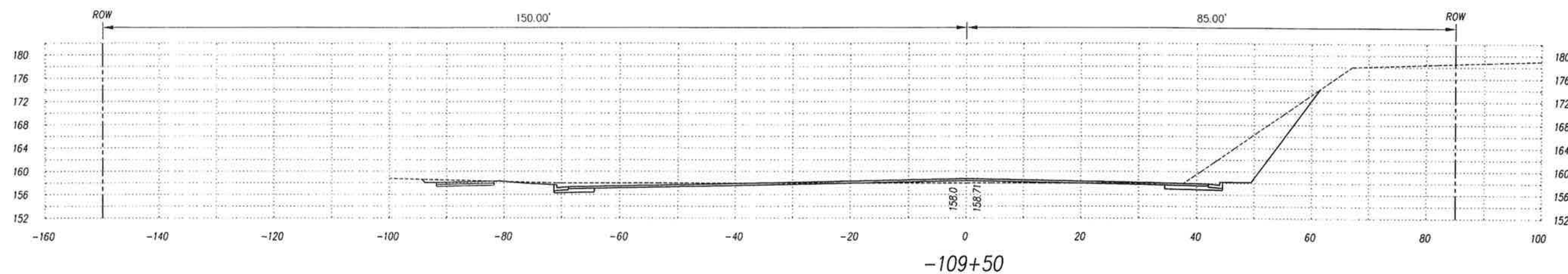
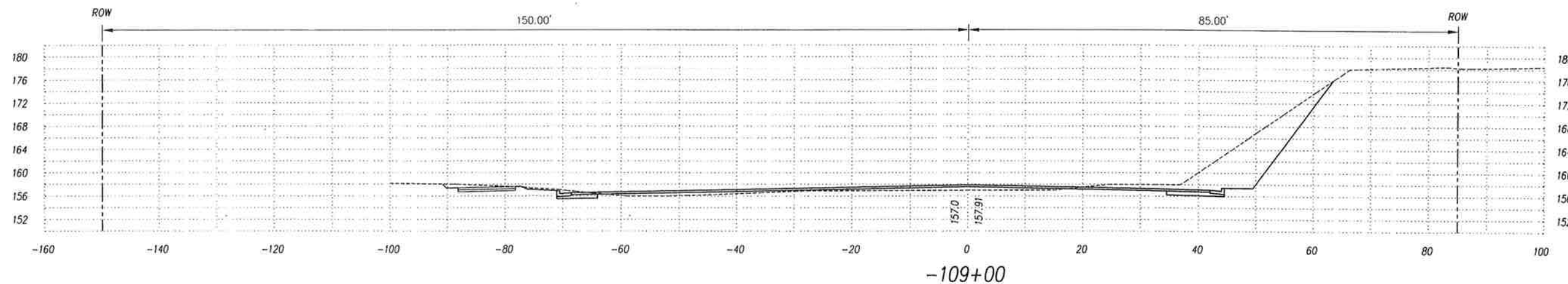
SHEET No. 6 OF 73 SHEETS

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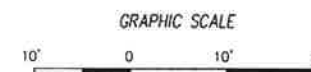
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ORIGINAL SURVEY PLOTTED BY _____ DATE _____
DRAWN BY _____
CHECKED BY _____
NOTE BOOK NO. _____
No. _____

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	157	315



ORIGINAL SURVEY PLOTTED BY _____ DATE _____
 DRAWN BY _____
 NOTE BOOK _____
 PLANNED BY _____
 CHECKED BY _____
 No. _____



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CROSS SECTIONS

QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE I
 Federal Aid Project No. NH-019-1(20)

Scale: 1" = 10'

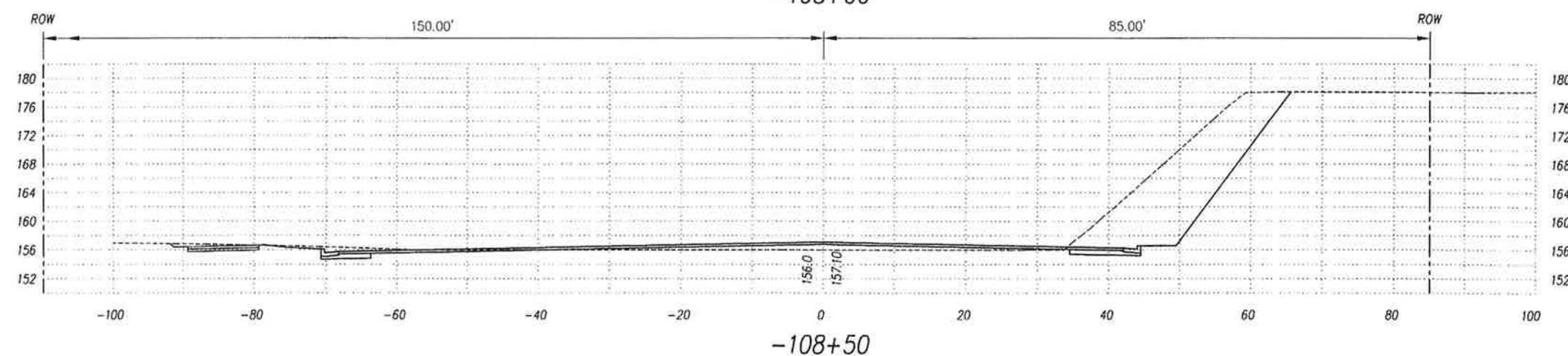
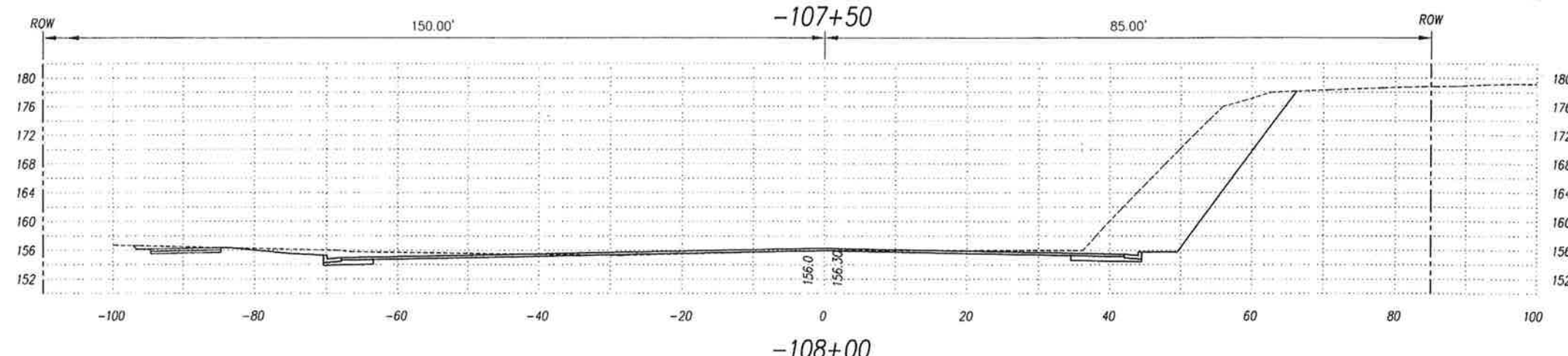
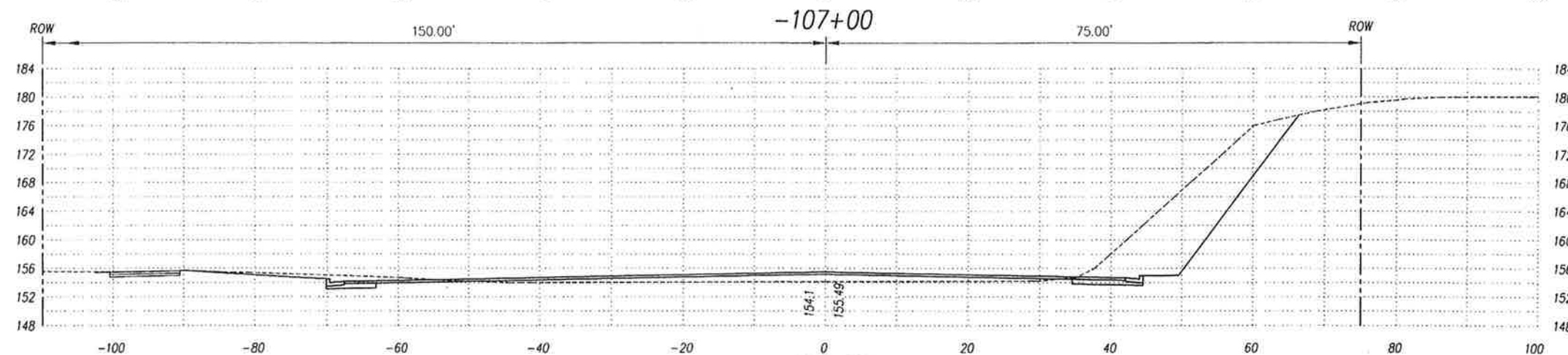
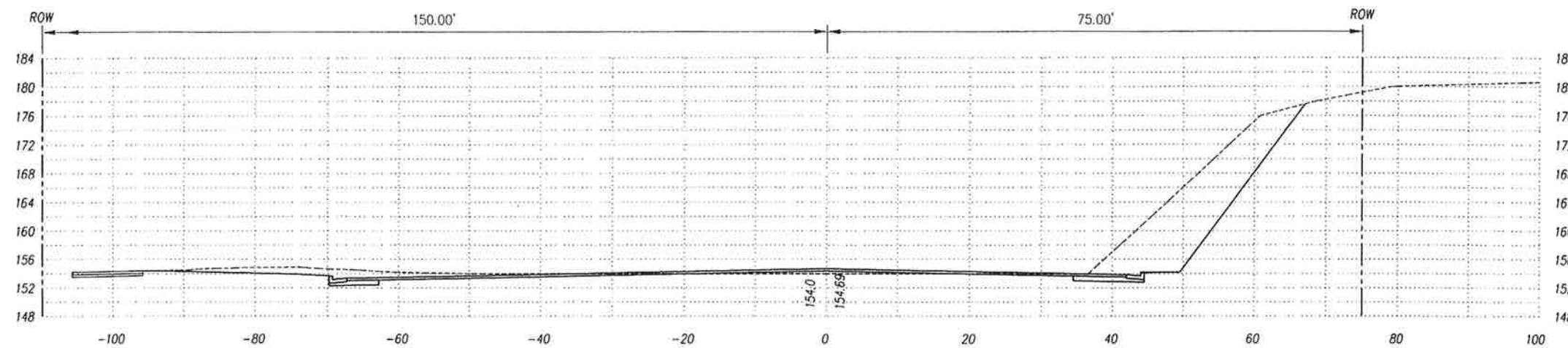
Date: November 2009

SHEET No. 7 OF 73 SHEETS

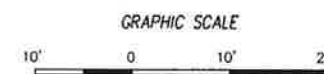
AS-BUILT

157

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	158	315



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



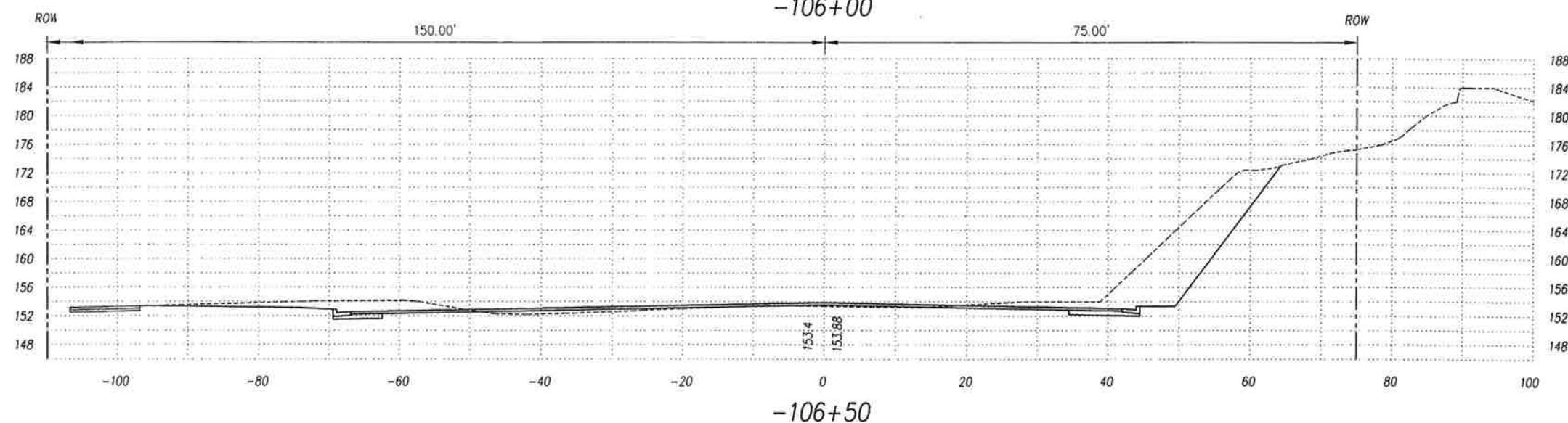
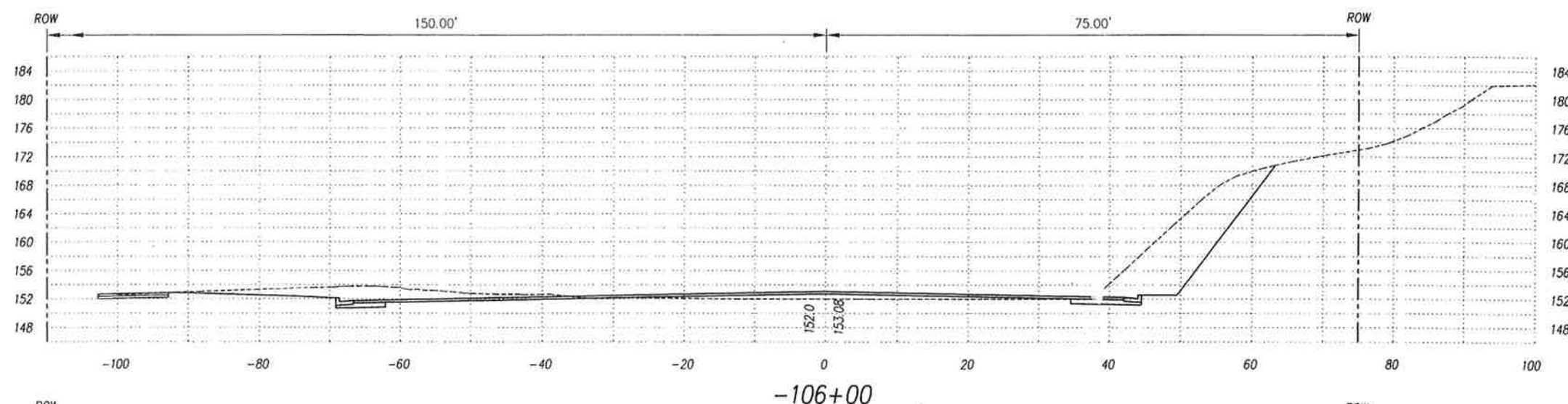
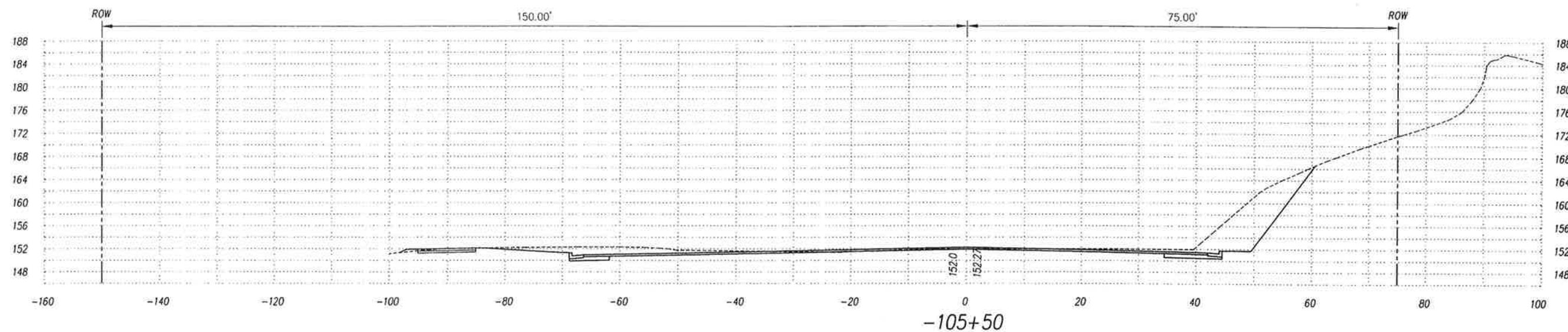
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STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
CROSS SECTIONS
 QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE I
 Federal Aid Project No. NH-019-1(20)
 Scale: 1" = 10' Date: November 2009
 SHEET No. 8 OF 73 SHEETS

AS-BUILT

158

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	159	315



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

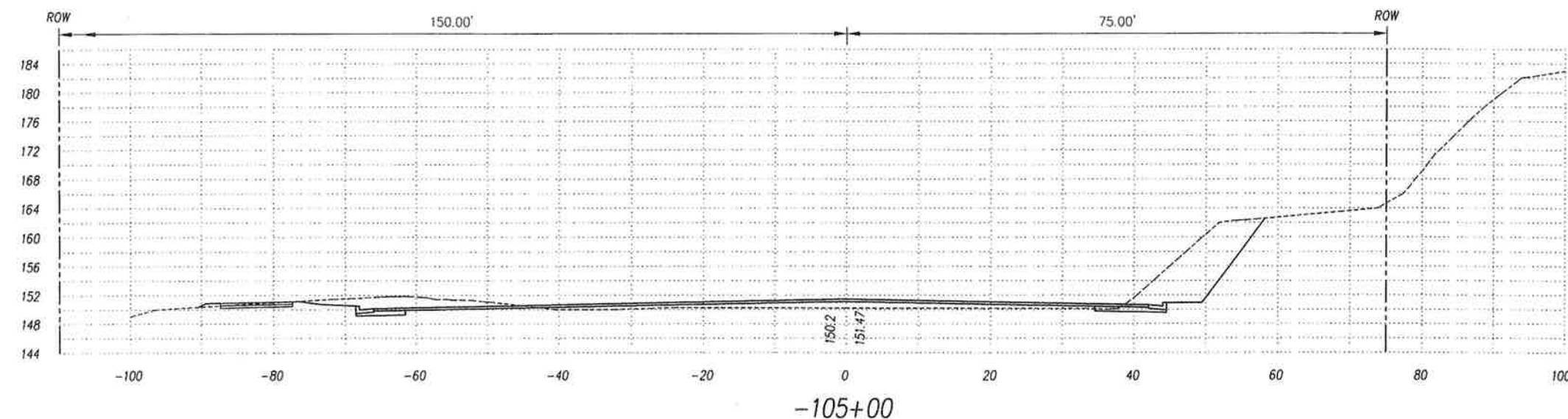
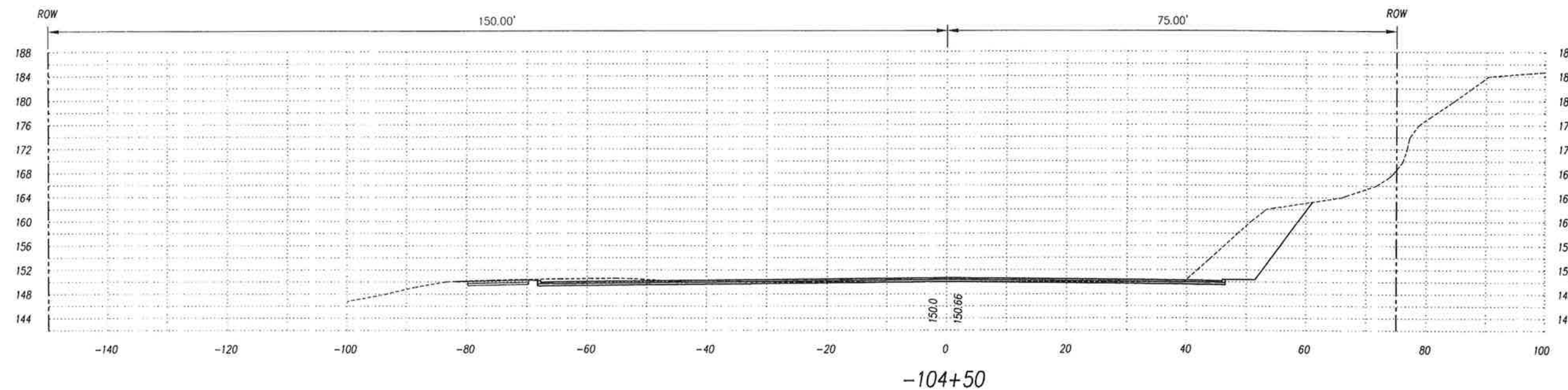
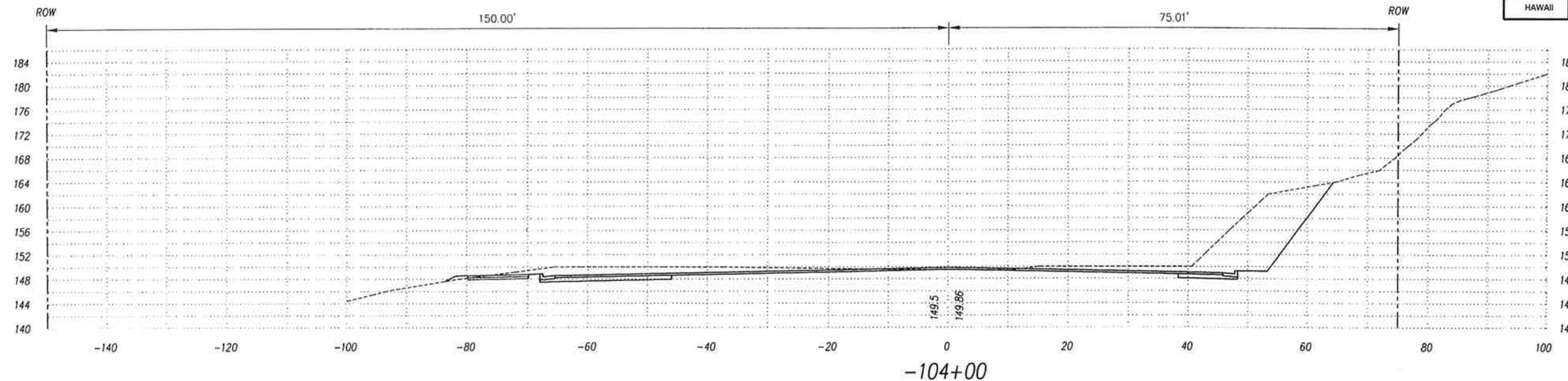


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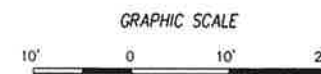
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
CROSS SECTIONS
 QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE I
 Federal Aid Project No. NH-019-1(20)
 Scale: 1" = 10' Date: November 2009
 SHEET No. 9 OF 73 SHEETS

AS-BUILT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	160	315



ORIGINAL SURVEY PLOTTED BY DATE
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 TRACED BY
 NOTE BOOK DESIGNED BY
 QUANTITIES BY
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 HIGHWAYS DIVISION

CROSS SECTIONS

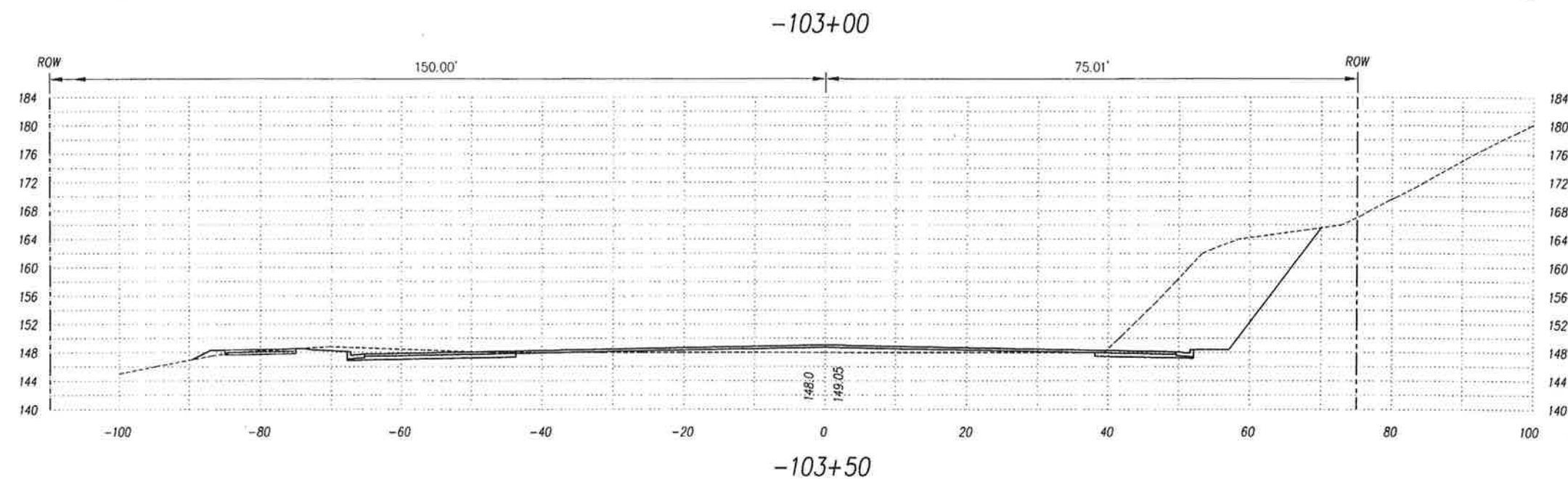
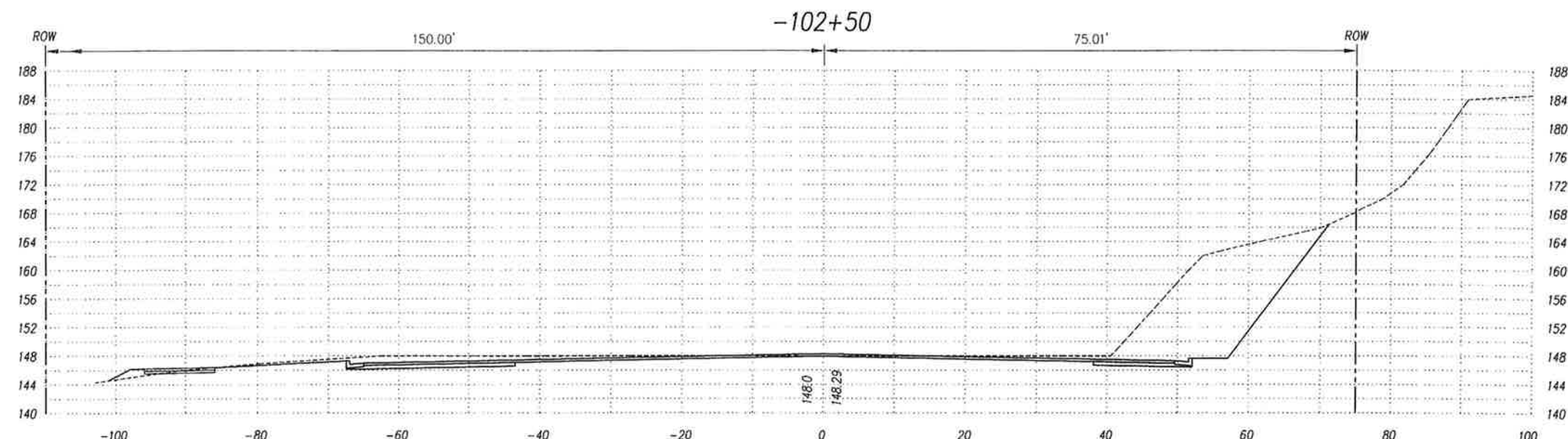
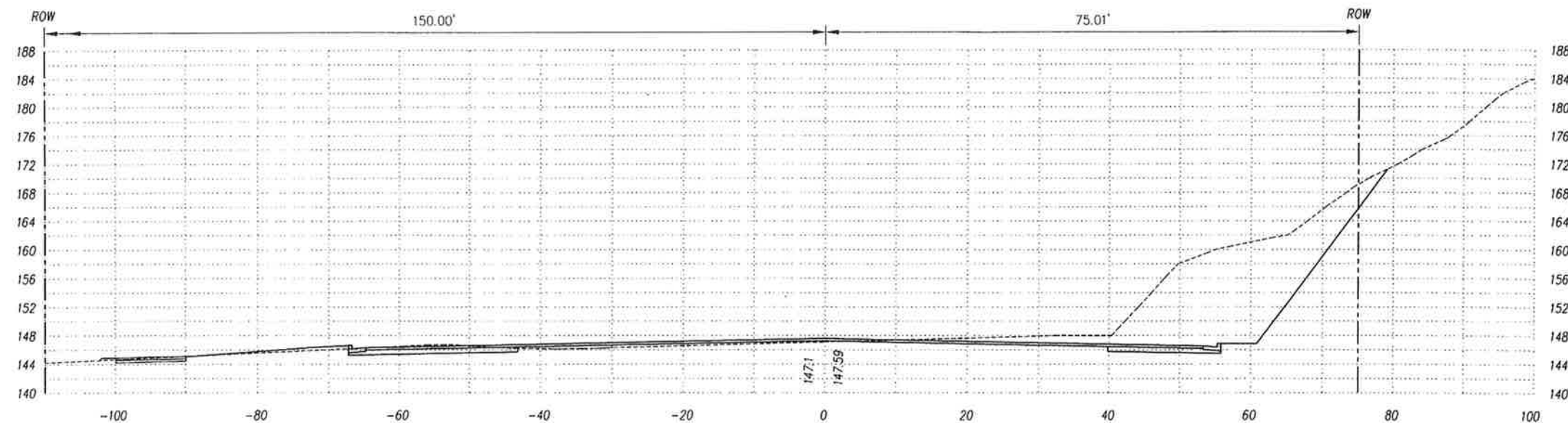
QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE I
 Federal Aid Project No. NH-019-1(20)
 Scale: 1" = 10' Date: November 2009

SHEET No. 10 OF 73 SHEETS

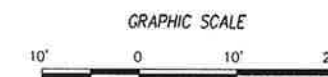
AS-BUILT

160

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	161	315



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



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 HIGHWAYS DIVISION

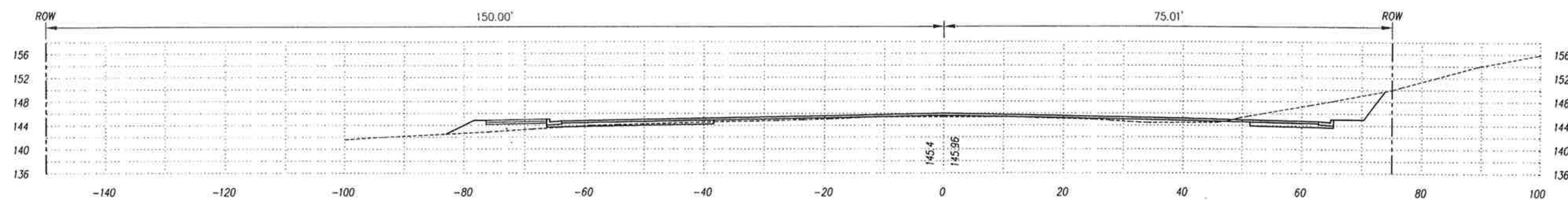
CROSS SECTIONS

QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE 1
 Federal Aid Project No. NH-019-1(20)
 Scale: 1" = 10' Date: November 2009

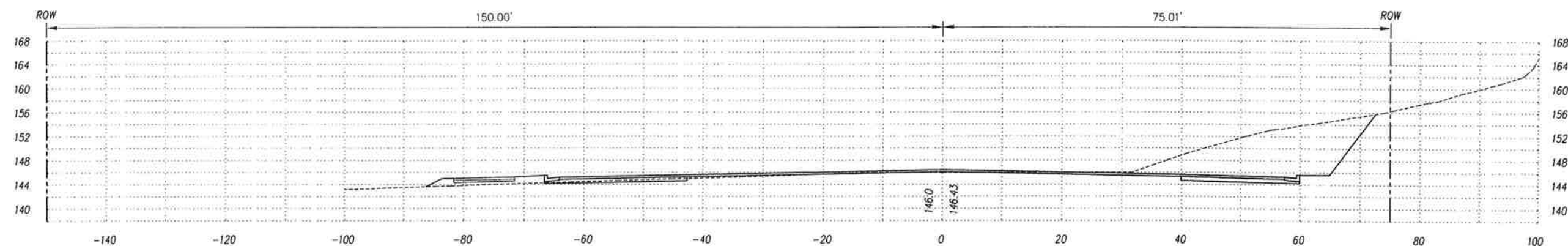
SHEET No. 11 OF 73 SHEETS

AS-BUILT

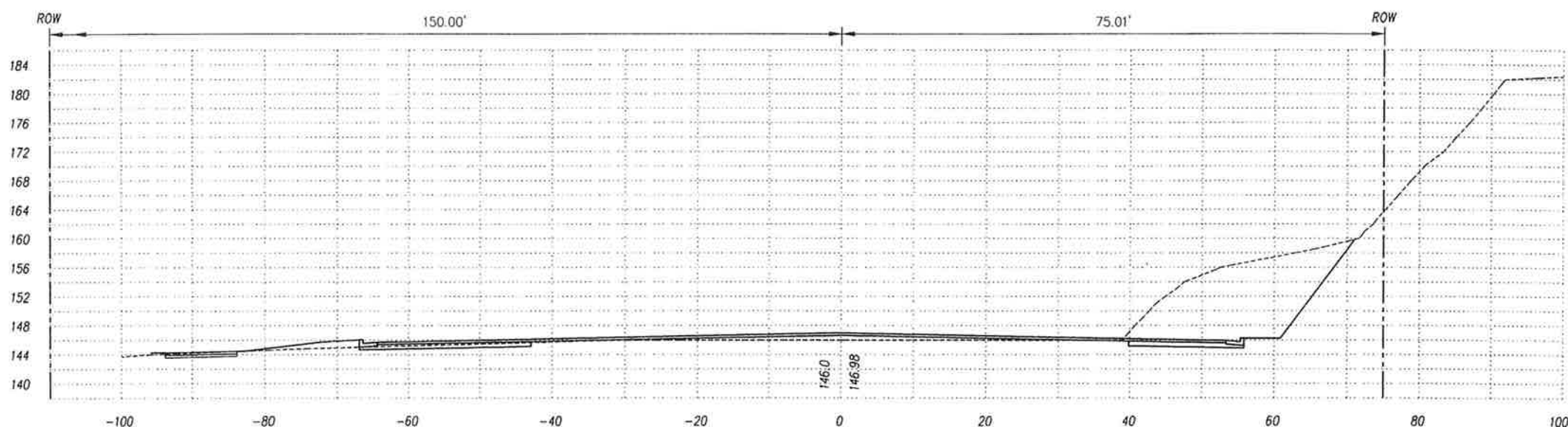
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	162	315



-101+00



-101+50



-102+00



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CROSS SECTIONS
QUEEN KAAHUMANU HIGHWAY WIDENING
HENRY ST. to KEALAKEHE PKWY - PHASE I
Federal Aid Project No. NH-019-1(20)
Scale: 1" = 10' Date: November 2009

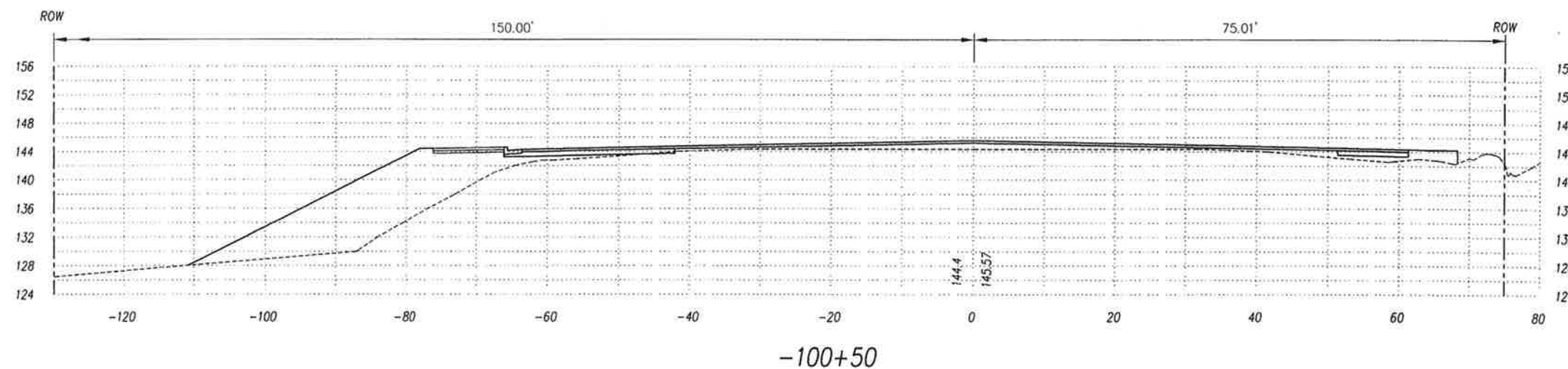
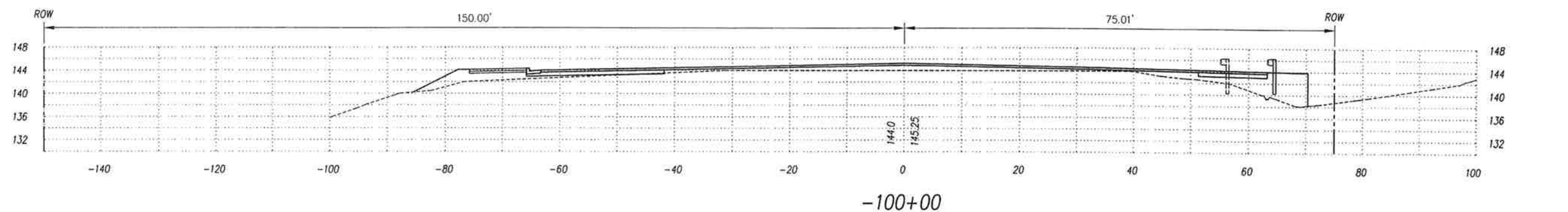
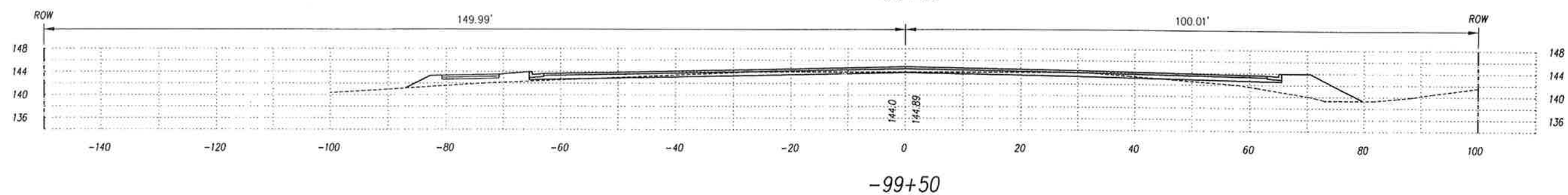
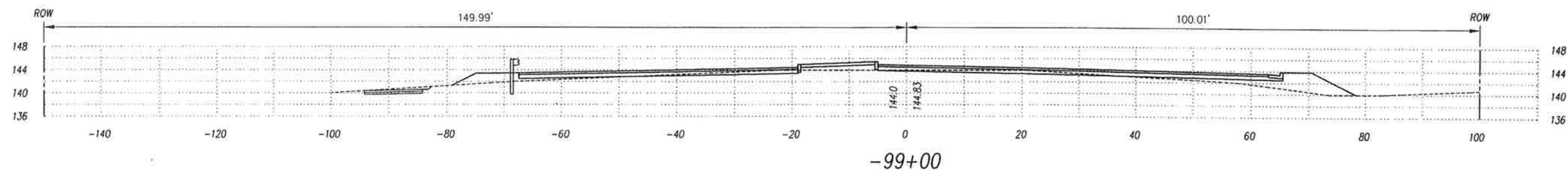
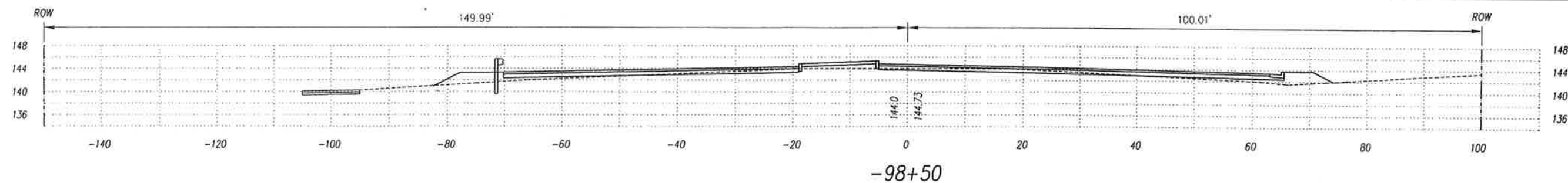
SHEET No. 12 OF 73 SHEETS

AS-BUILT

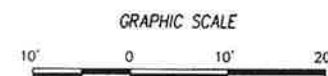
162

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	163	315



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



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CROSS SECTIONS
 QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE I
 Federal Aid Project No. NH-019-1(20)
 Scale: 1" = 10' Date: November 2009

SHEET No. 13 OF 73 SHEETS

AS-BUILT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	164	315



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



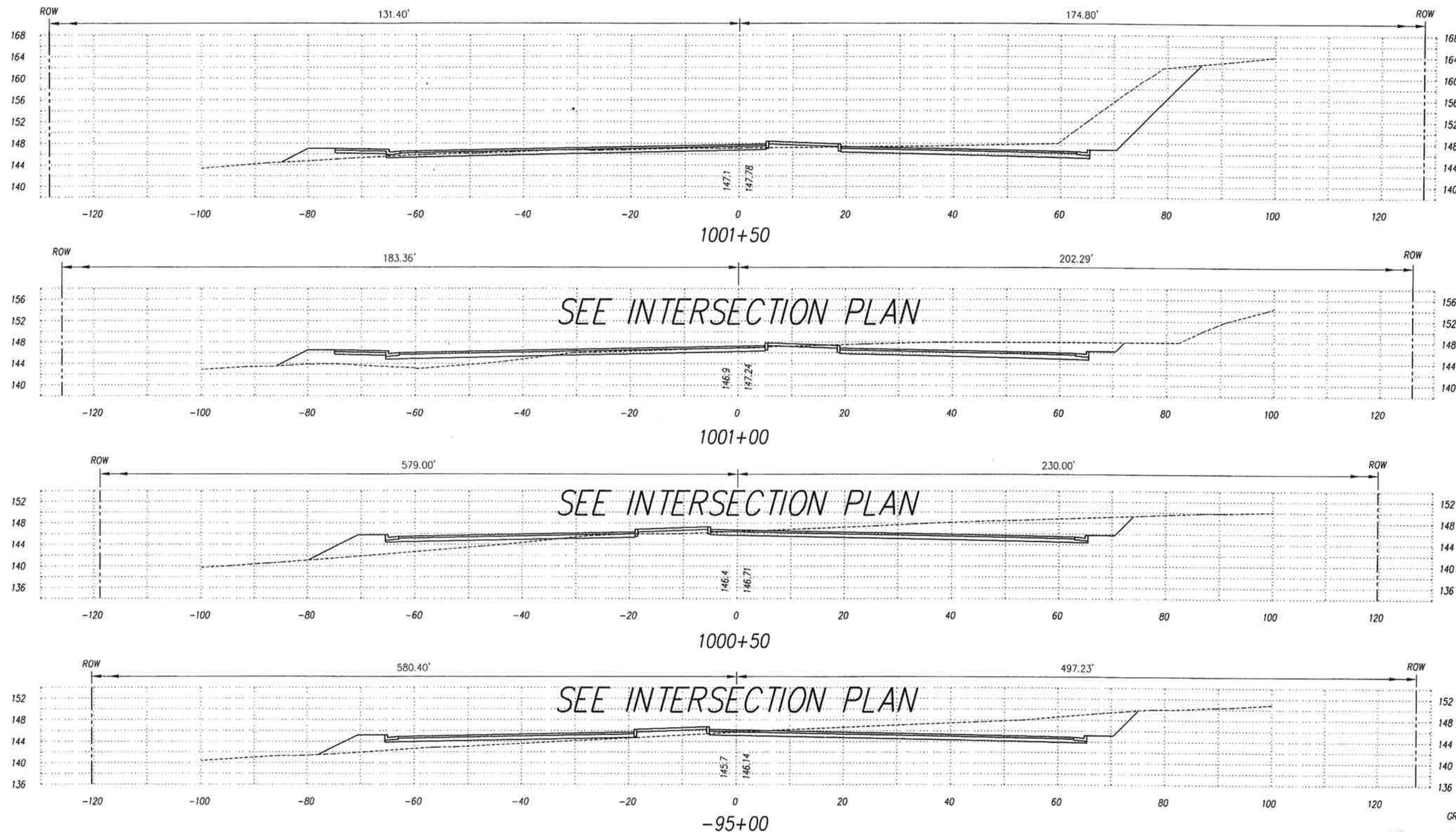
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HENRY ST. to KEALAKEHE PKWY - PHASE I
Federal Aid Project No. NH-019-1(20)
Scale: 1" = 10' Date: November 2009

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	165	315



ORIGINAL SURVEY PLOTTED BY _____ DATE _____
 DRAWN BY _____
 NOTE BOOK _____
 DESIGNED BY _____
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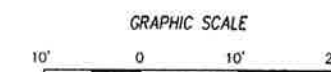
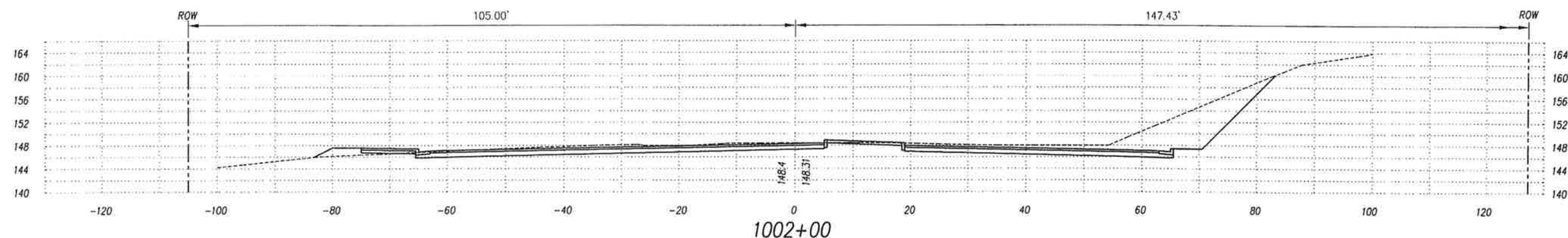
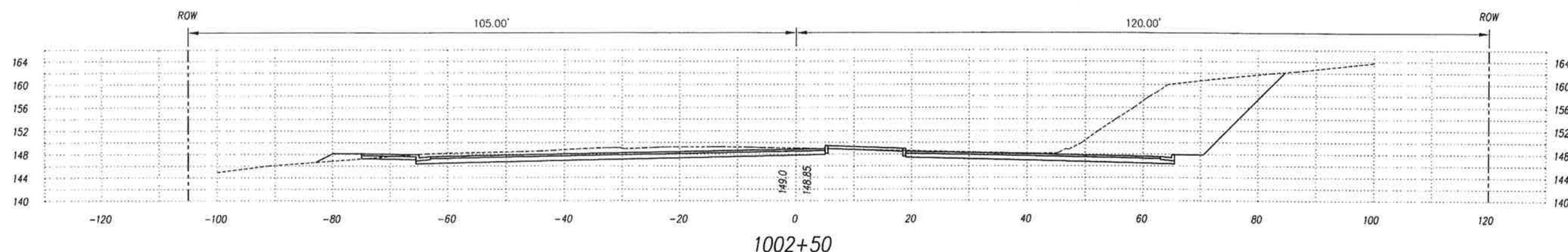
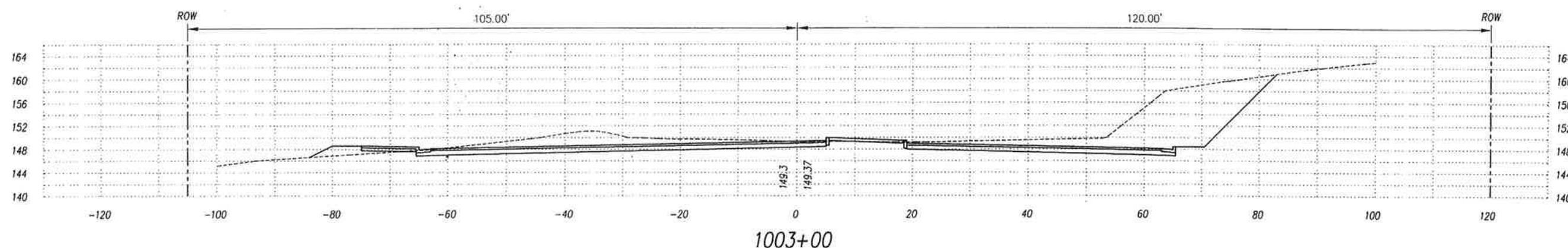
QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE I
 Federal Aid Project No. NH-019-1(20)
 Scale: 1" = 10' Date: November 2009

AS-BUILT

SHEET No. 15 OF 73 SHEETS

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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	166	315



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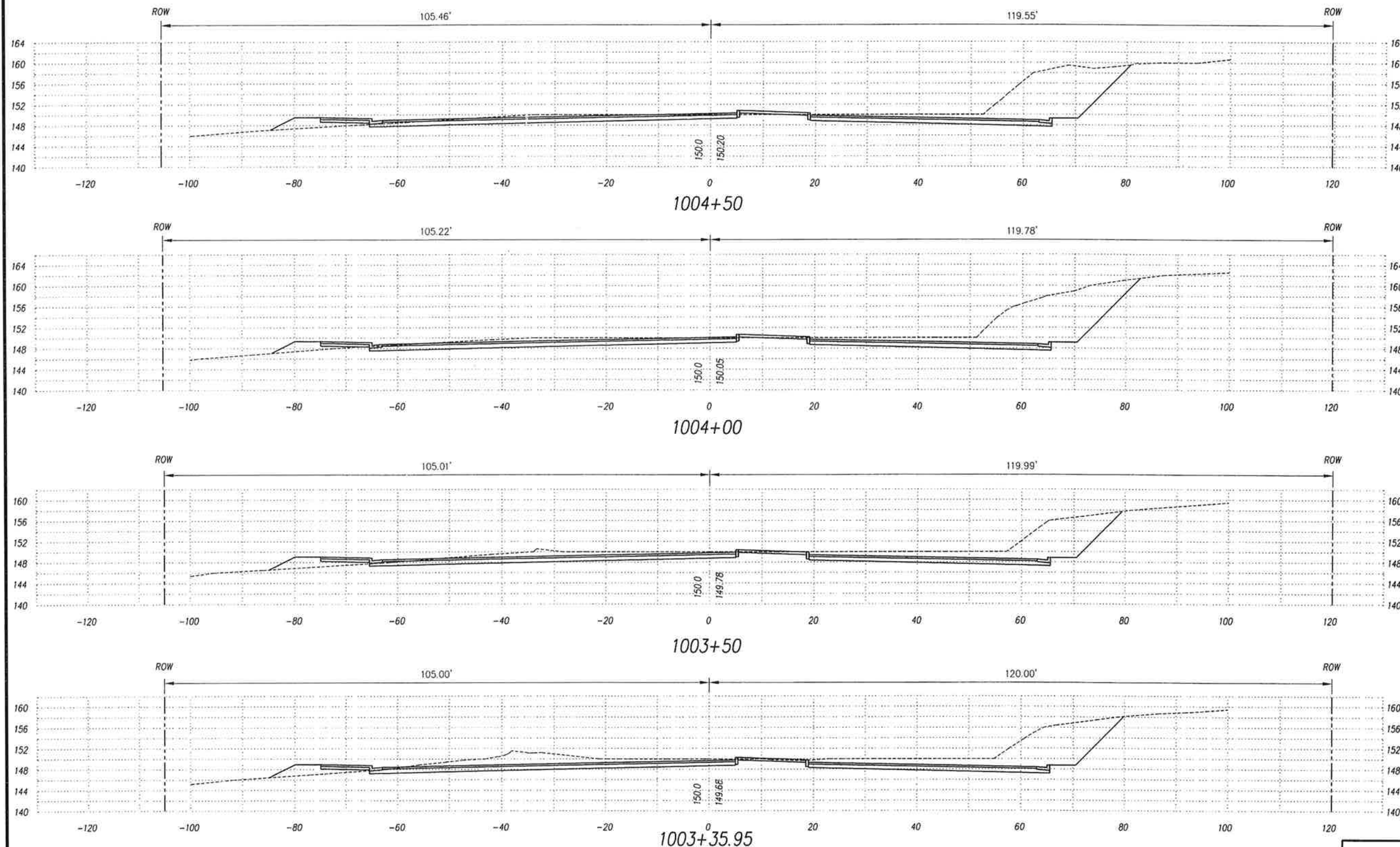
STATE OF HAWAII
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HIGHWAYS DIVISION
CROSS SECTIONS
QUEEN KAAHUMANU HIGHWAY WIDENING
HENRY ST. to KEALAKEHE PKWY - PHASE I
Federal Aid Project No. NH-019-1(20)
Scale: 1" = 10' Date: November 2009
SHEET No. 16 OF 73 SHEETS

AS-BUILT

166

ORIGINAL SURVEY PLOTTED BY _____ DATE _____
DRAWN BY _____
NOTED BY _____
DESIGNED BY _____
CHECKED BY _____
No. _____

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	167	315



ORIGINAL SURVEY PLOTTED BY _____ DATE _____
 DRAWN BY _____
 CHECKED BY _____
 No. _____



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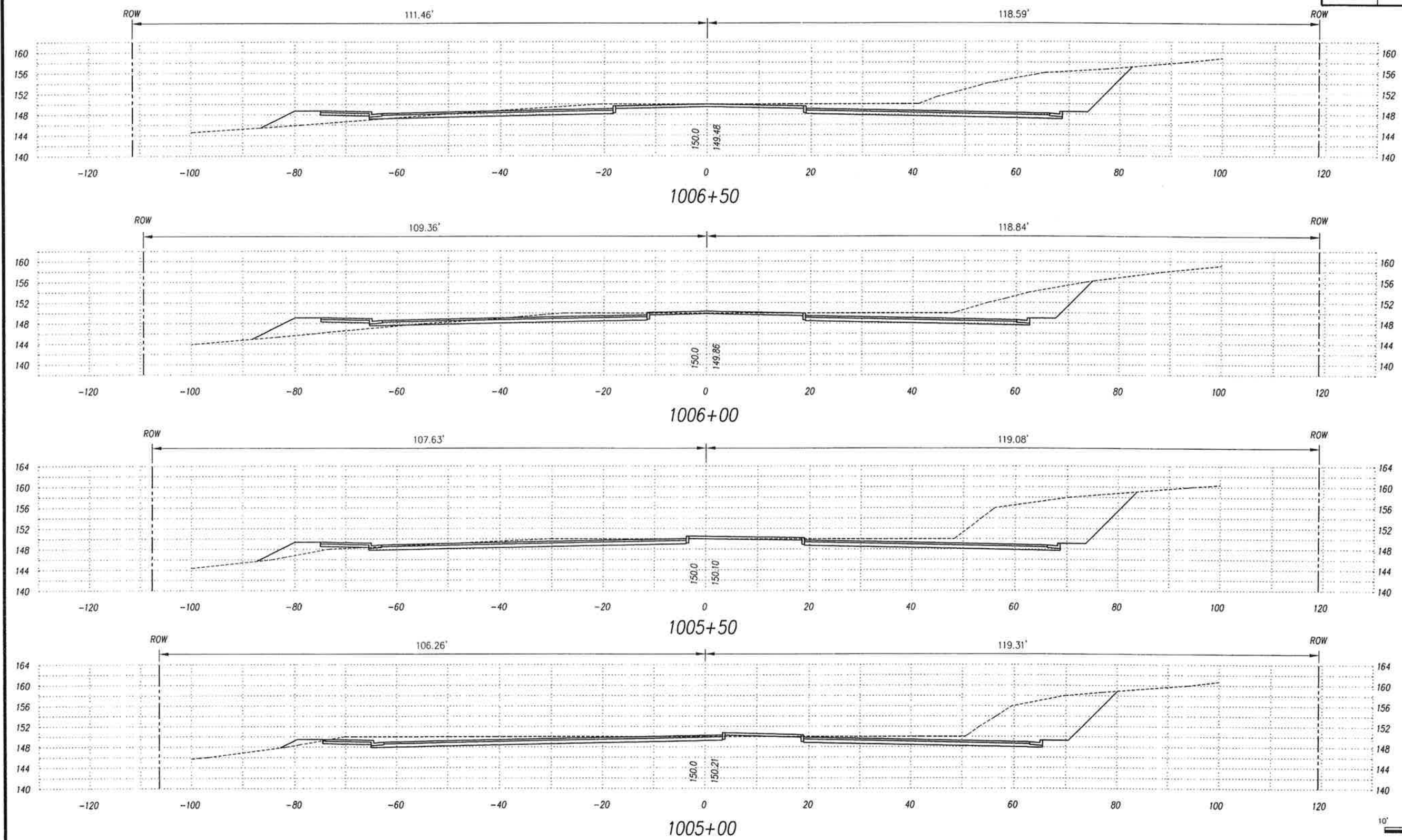
CROSS SECTIONS

QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE I
 Federal Aid Project No. NH-019-1(20)
 Scale: 1" = 10' Date: November 2009

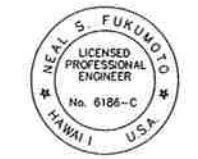
SHEET No. 17 OF 73 SHEETS

AS-BUILT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	168	315



ORIGINAL SURVEY PLOTTED BY _____ DATE _____
 DRAWN BY _____
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CROSS SECTIONS

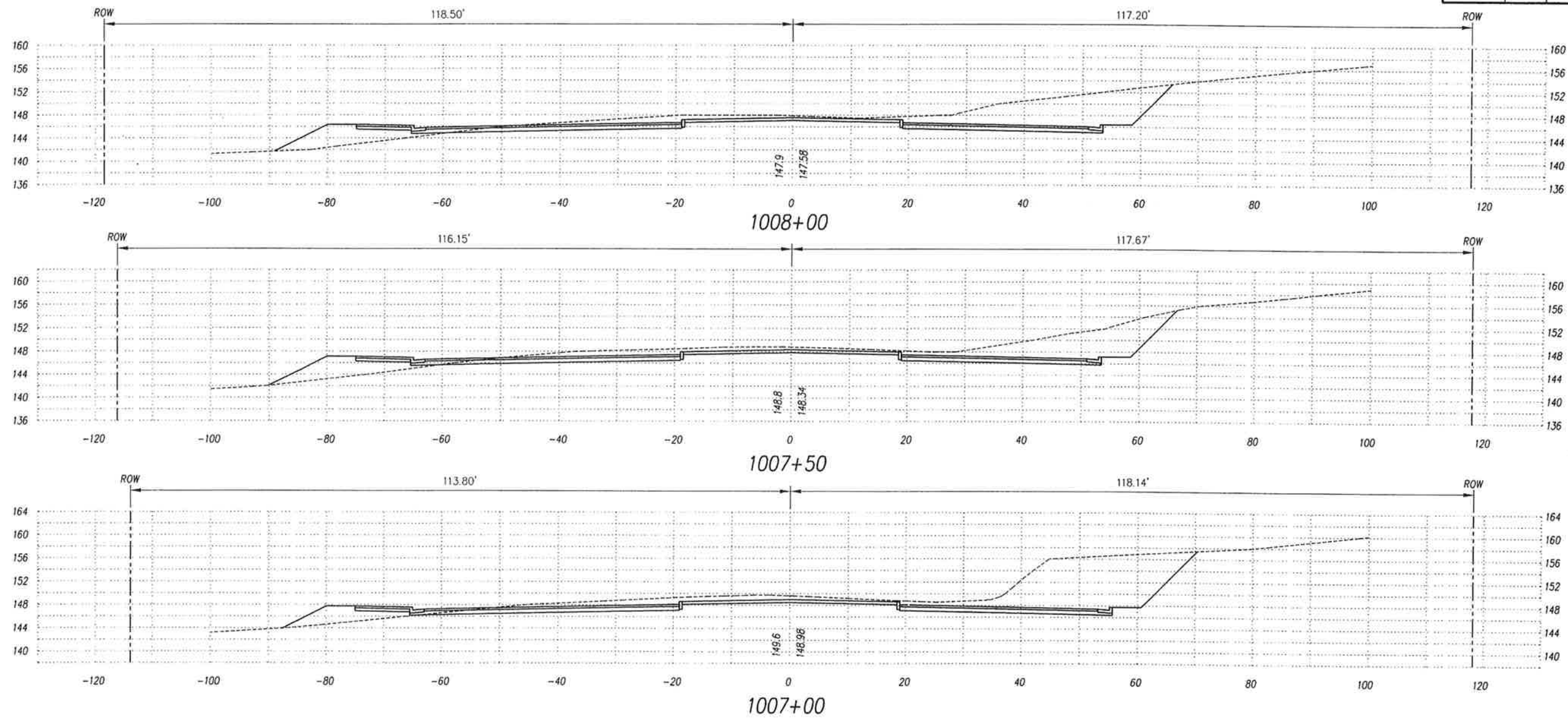
QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE I
 Federal Aid Project No. NH-019-1(20)

Scale: 1" = 10' Date: November 2009

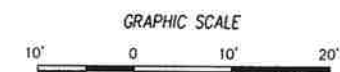
SHEET No. 18 OF 73 SHEETS

AS-BUILT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	169	315



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



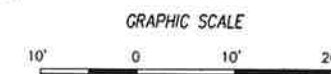
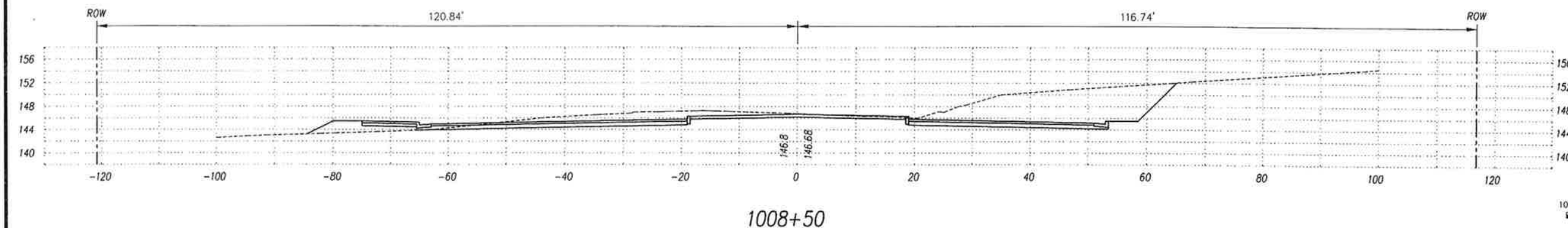
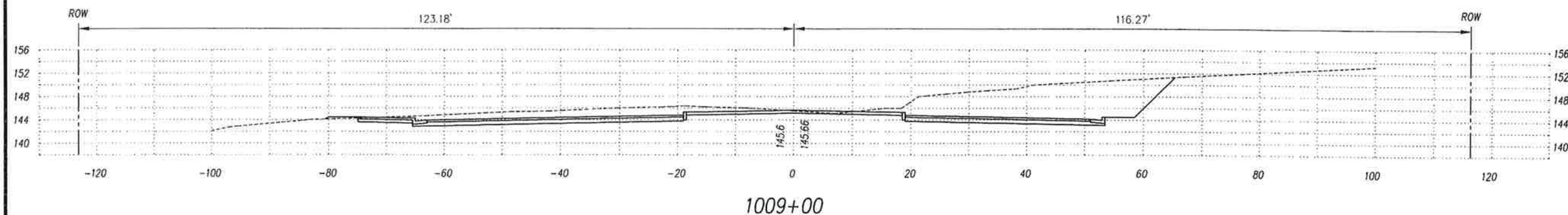
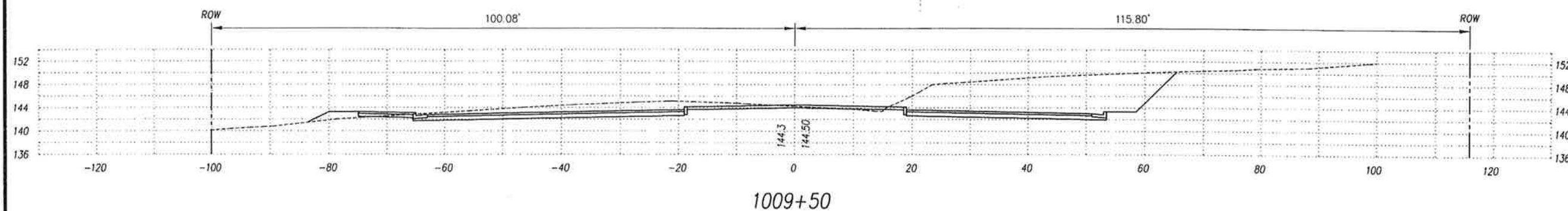
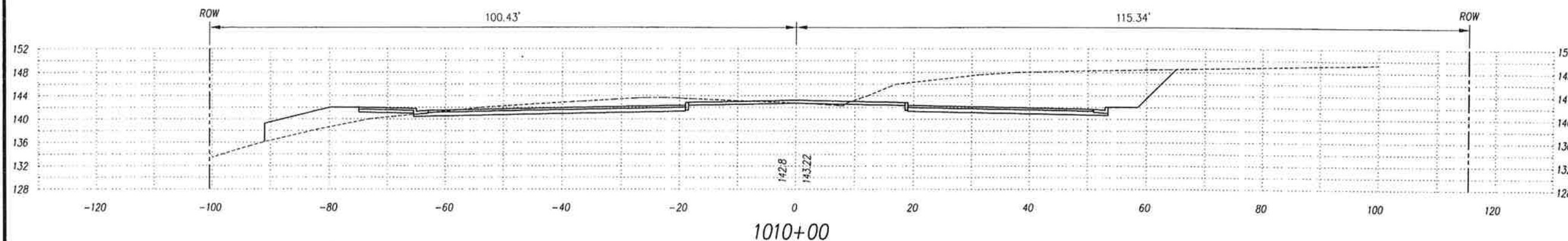
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 HENRY ST. to KEALAKEHE PKWY - PHASE I
 Federal Aid Project No. NH-019-1(20)
 Scale: 1" = 10' Date: November 2009

AS-BUILT

SHEET No. 19 OF 73 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	170	315



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CROSS SECTIONS
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HENRY ST. to KEALAKEHE PKWY - PHASE I
Federal Aid Project No. NH-019-1(20)
Scale: 1" = 10' Date: November 2009

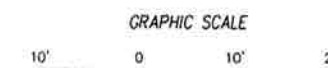
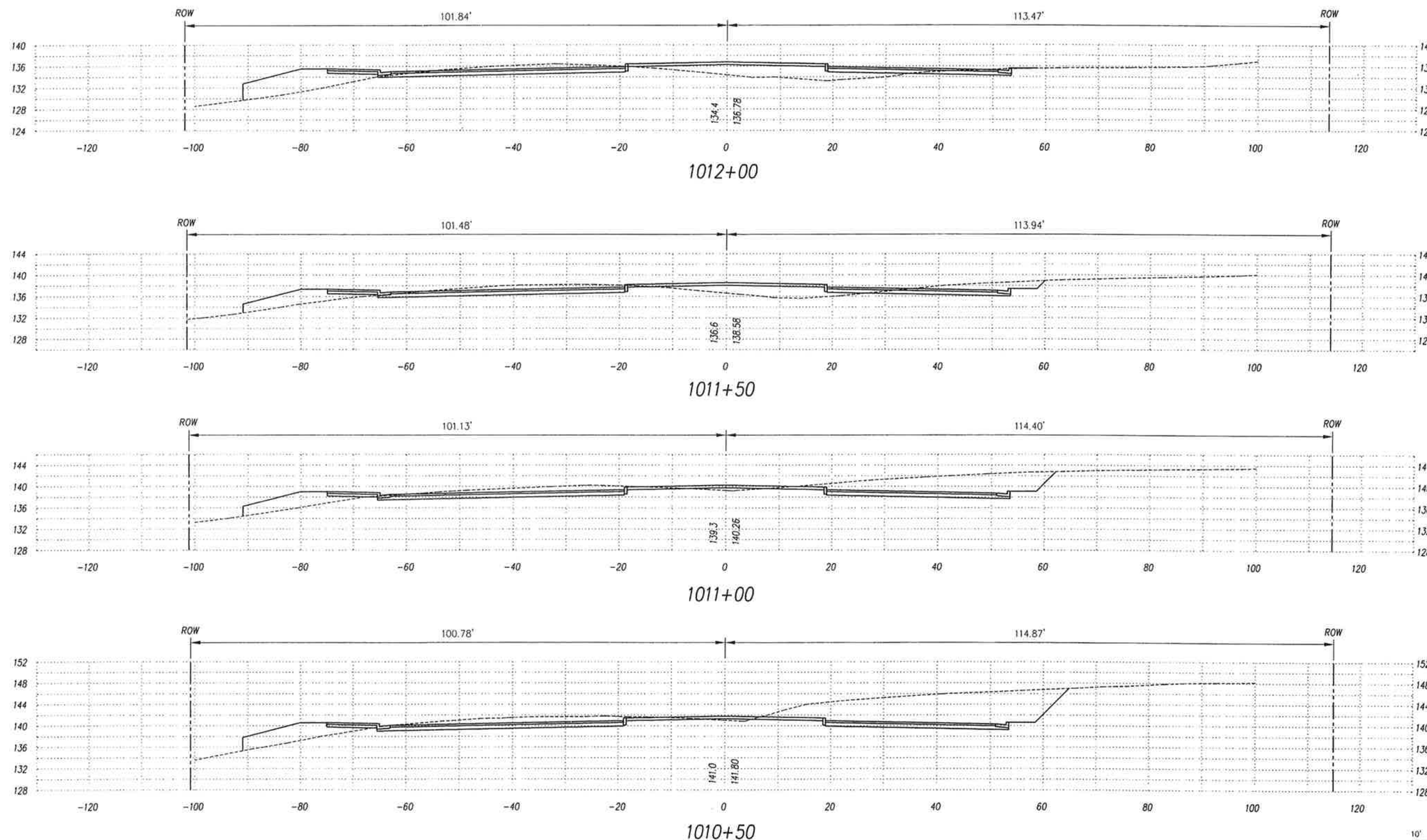
SHEET No. 20 OF 73 SHEETS

AS-BUILT

170

ORIGINAL SURVEY PLOTTED BY DATE
DRAWN BY
CHECKED BY
NOTE BOOK
QUANTITIES BY
CHECKED BY
No.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	171	315



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



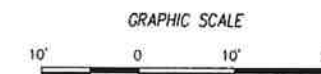
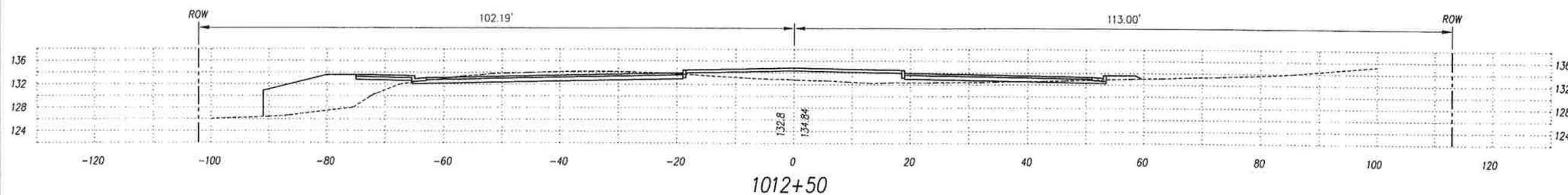
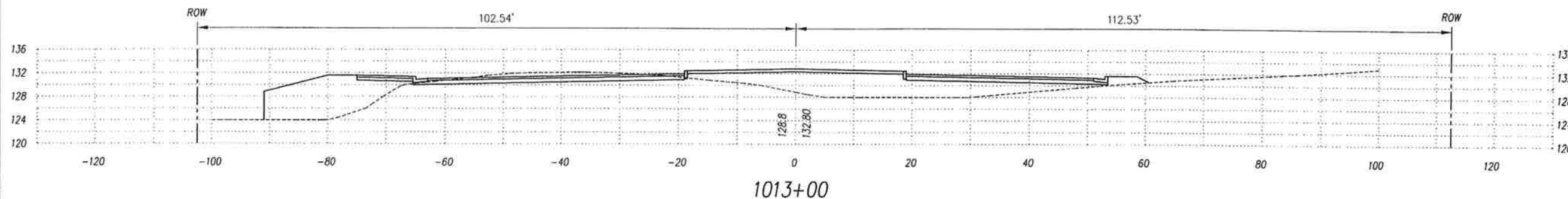
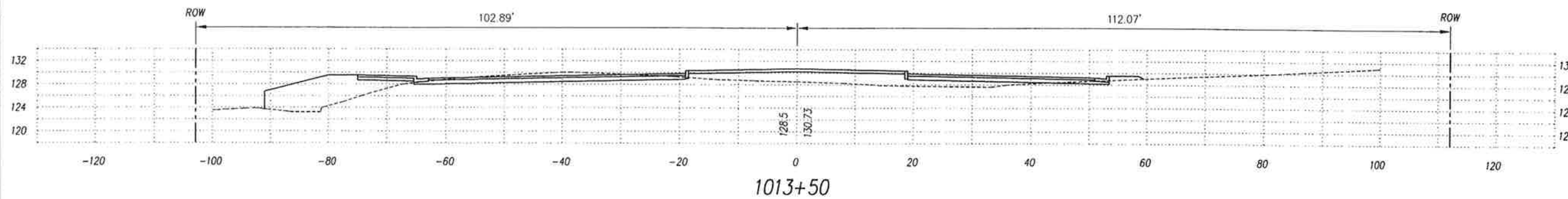
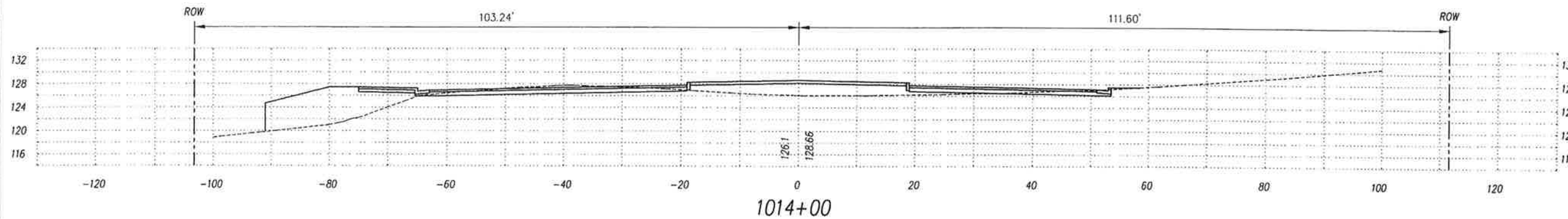
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CROSS SECTIONS
 QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE I
 Federal Aid Project No. NH-019-1(20)
 Scale: 1" = 10' Date: November 2009
 SHEET No. 21 OF 73 SHEETS

AS-BUILT

171

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	172	315



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HIGHWAYS DIVISION

CROSS SECTIONS

QUEEN KAAHUMANU HIGHWAY WIDENING
HENRY ST. to KEALAKEHE PKWY - PHASE I

Federal Aid Project No. NH-019-1(20)

Scale: 1" = 10'

Date: November 2009

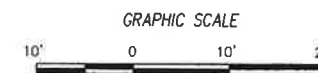
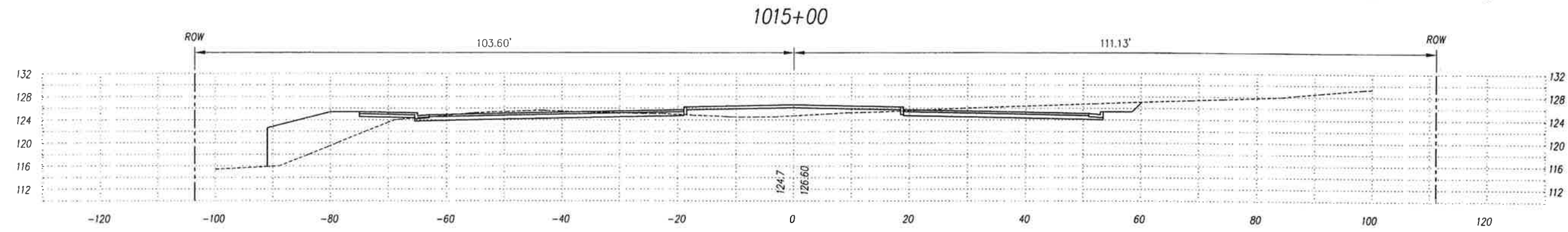
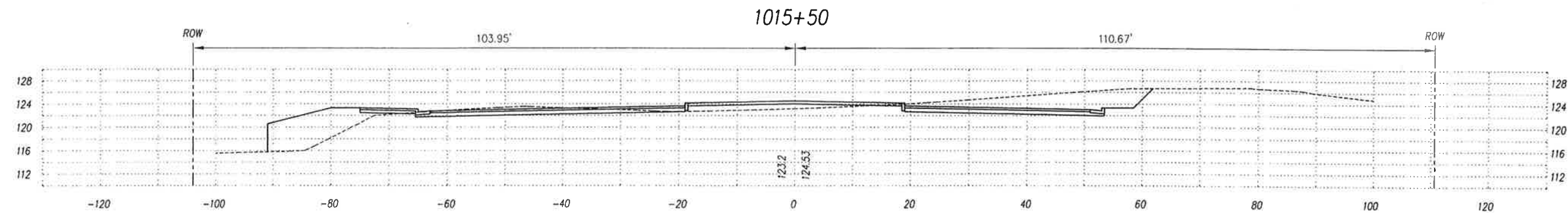
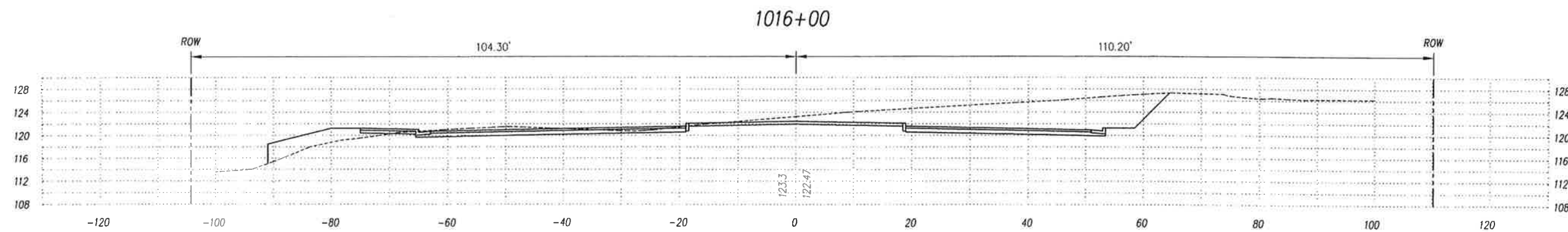
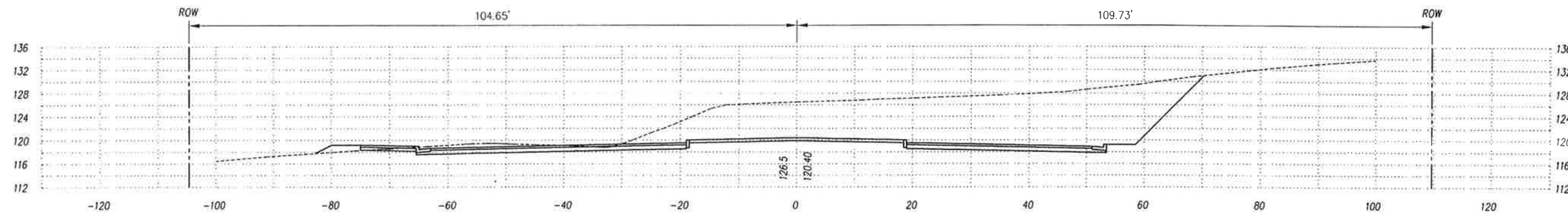
SHEET No. 22 OF 73 SHEETS

AS-BUILT

172

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	173	315



ORIGINAL SURVEY PLOTTED BY _____ DATE _____
 DRAWN BY _____
 NOTE BOOK _____
 CHECKED BY _____
 No. _____



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CROSS SECTIONS

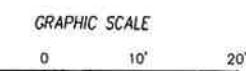
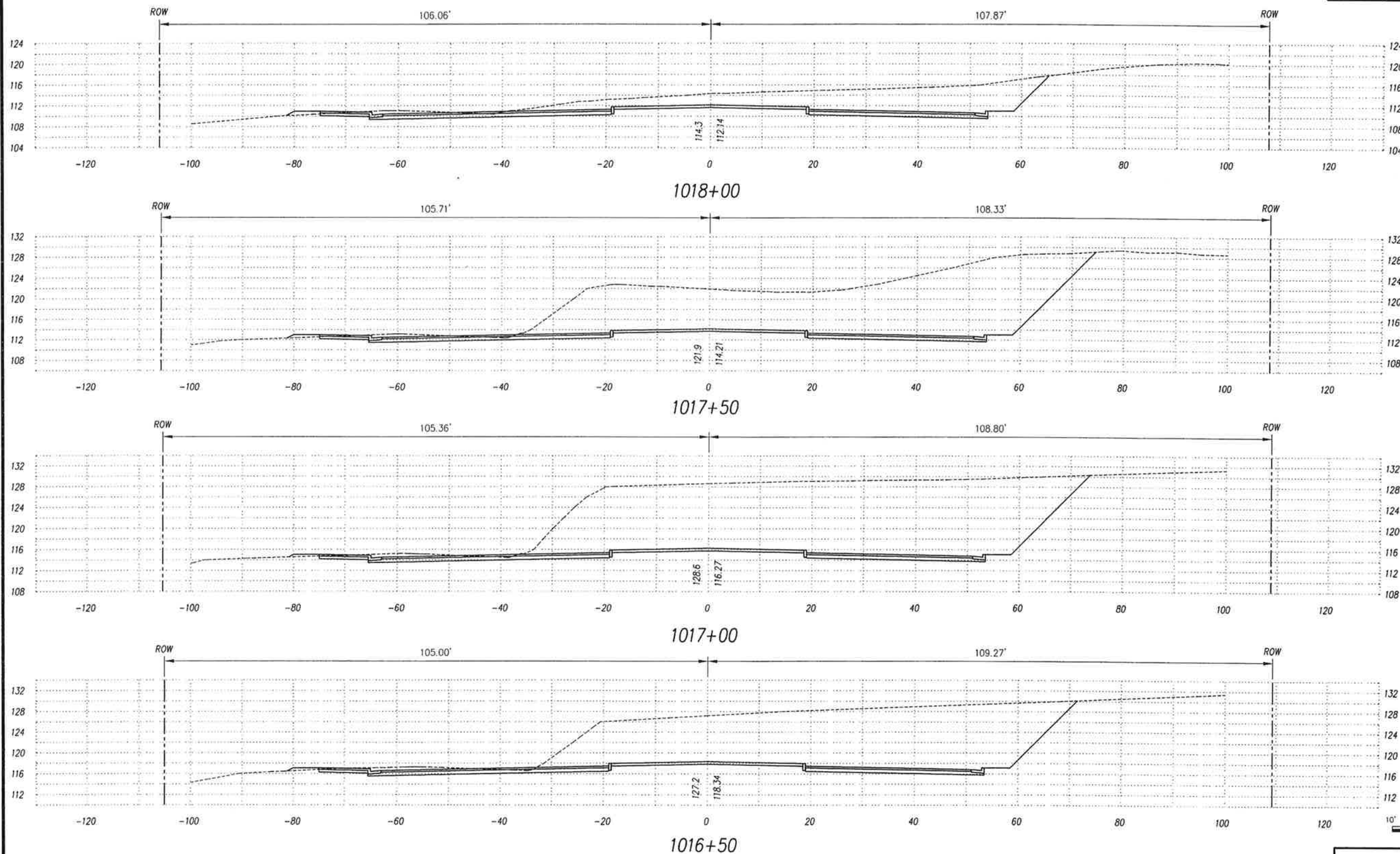
QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE I
 Federal Aid Project No. NH-019-1(20)
 Scale: 1" = 10' Date: November 2009

SHEET No. 23 OF 73 SHEETS

AS-BUILT

173

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	174	315



ORIGINAL SURVEY PLOTTED BY _____ DATE _____
 DRAWN BY _____
 TRACED BY _____
 NOTE BOOK DESIGNED BY _____
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CROSS SECTIONS

QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE I

Federal Aid Project No. NH-019-1(20)

Scale: 1" = 10'

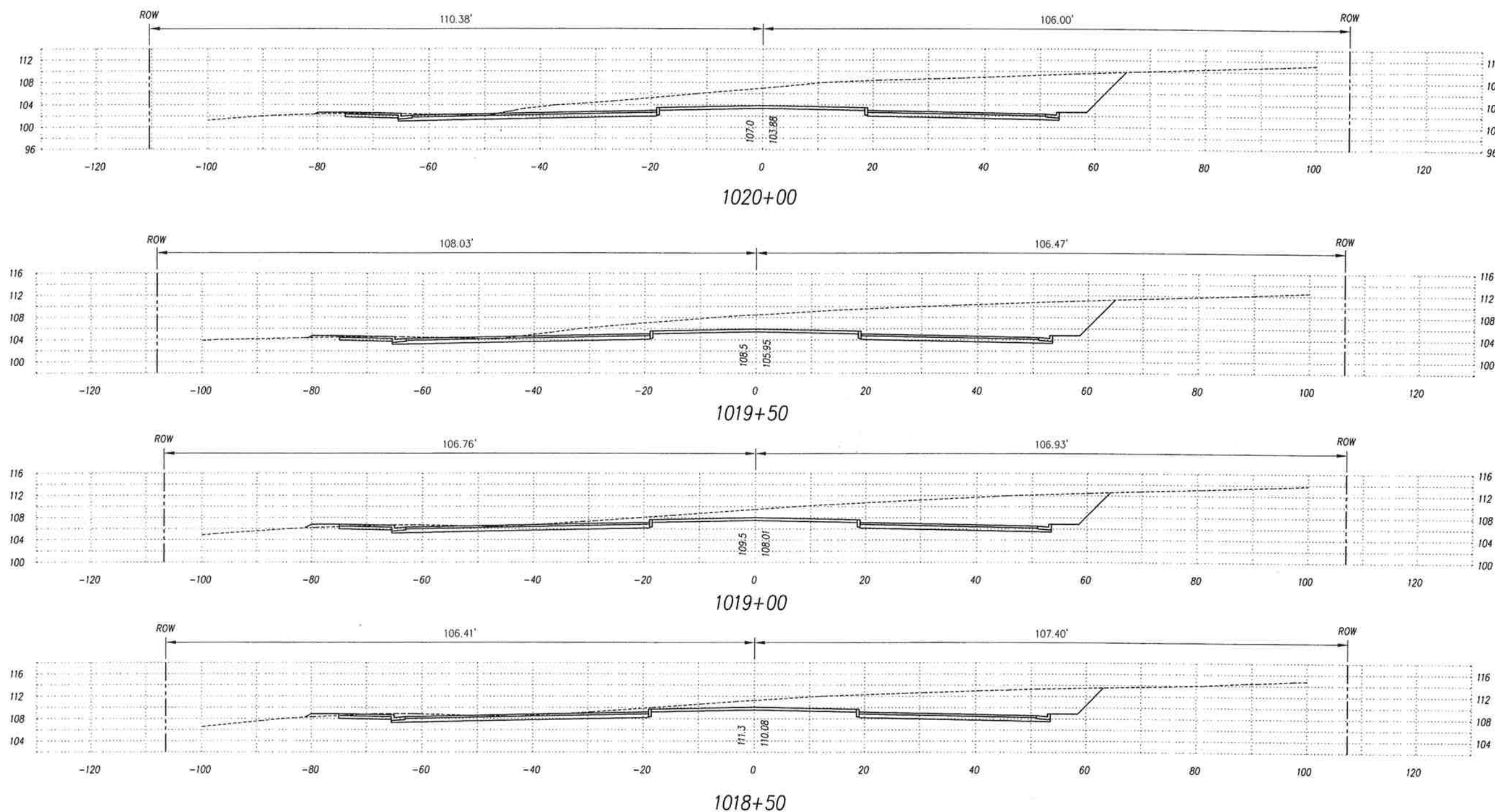
Date: November 2009

SHEET No. 24 OF 73 SHEETS

AS-BUILT

174

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	175	315

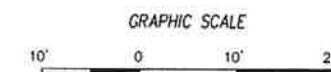


ORIGINAL SURVEY PLOTTED BY _____ DATE _____
 PLAN DRAWN BY _____
 NOTE BOOK _____
 DESIGNED BY _____
 CHECKED BY _____
 No. _____



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 HIGHWAYS DIVISION

CROSS SECTIONS

QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE I

Federal Aid Project No. NH-019-1(20)

Scale: 1" = 10'

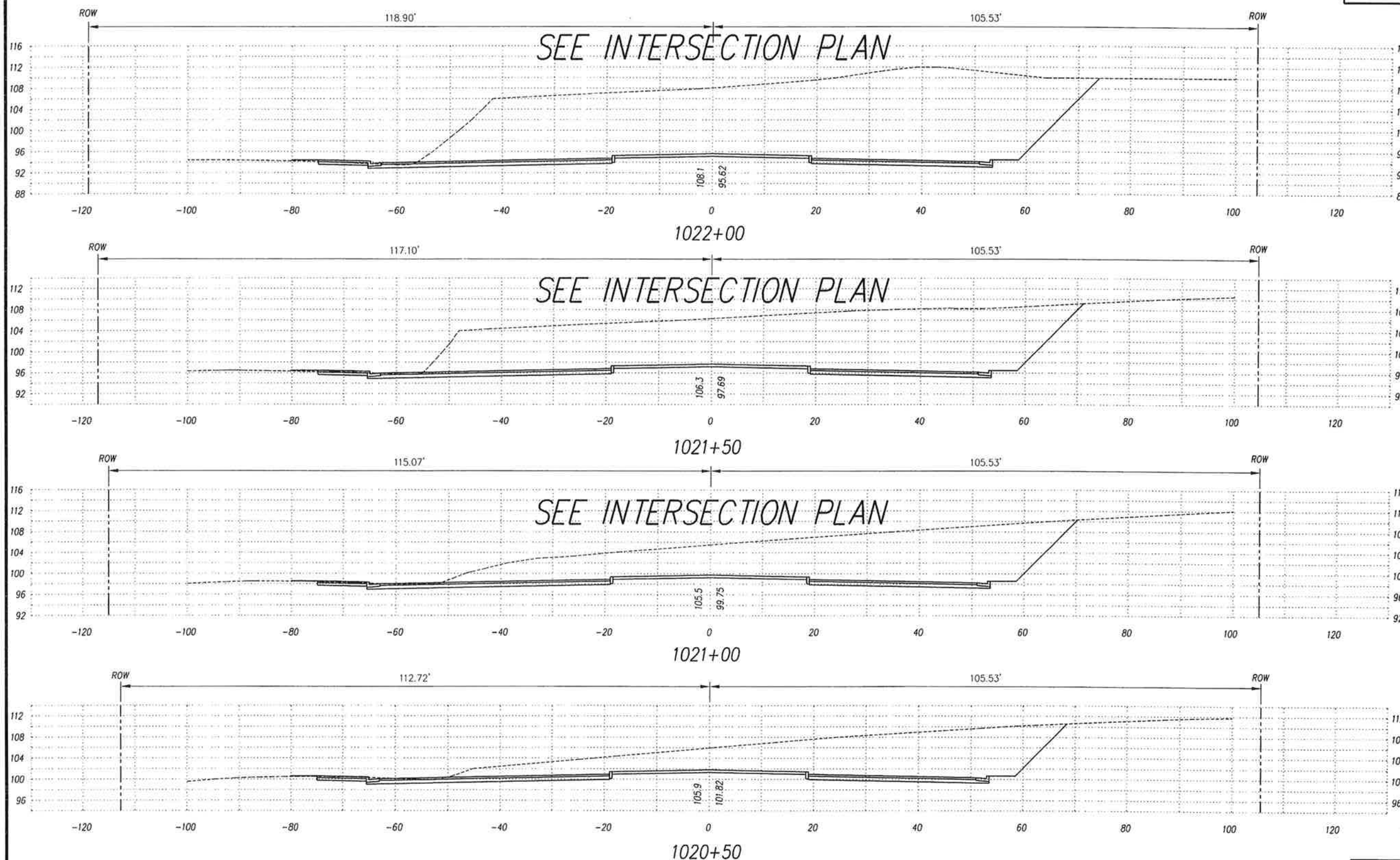
Date: November 2009

SHEET No. 25 OF 73 SHEETS

AS-BUILT

175

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	176	315



ORIGINAL SURVEY PLOTTED BY _____ DATE _____
 DRAWN BY _____
 NOTE BOOK DESIGNED BY _____
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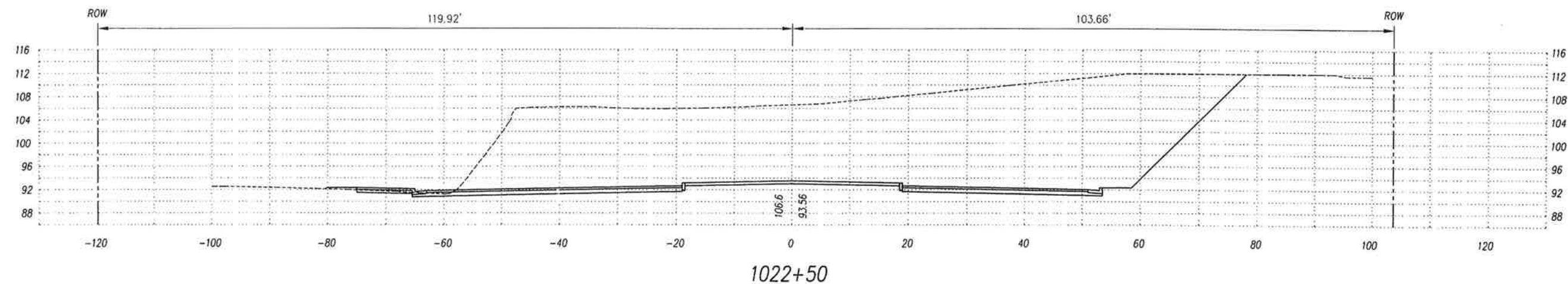
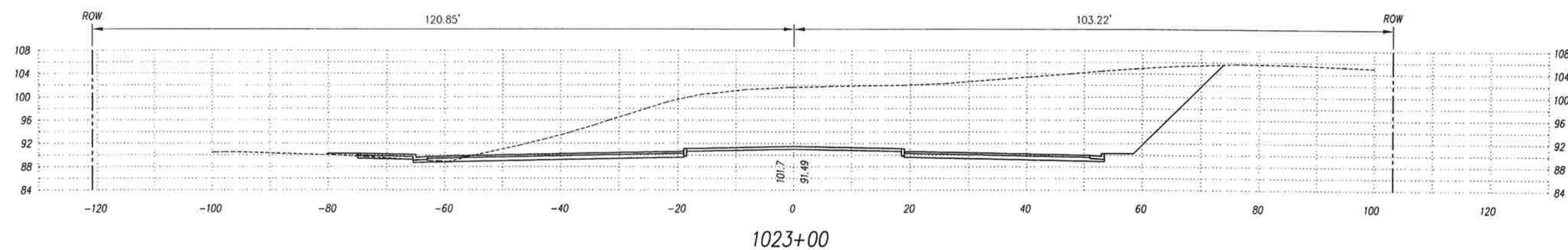
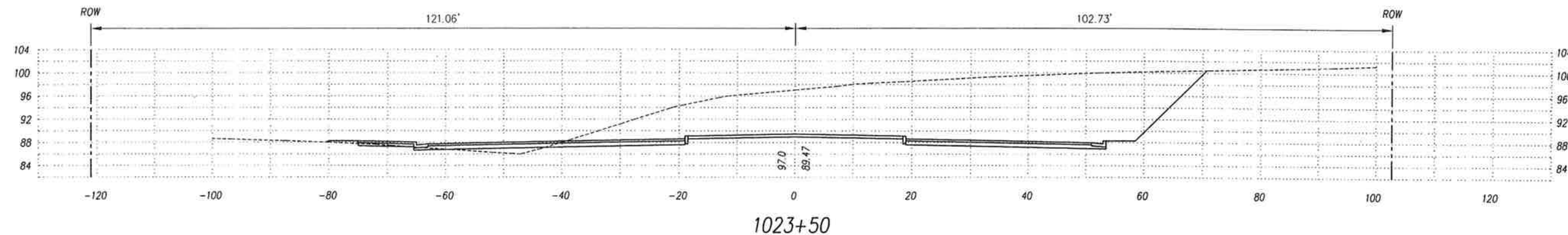
STATE OF HAWAII
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CROSS SECTIONS
 QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE I
 Federal Aid Project No. NH-019-1(20)
 Scale: 1" = 10' Date: November 2009

AS-BUILT

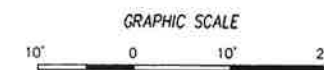
SHEET No. 26 OF 73 SHEETS

176

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	177	315



ORIGINAL SURVEY PLOTTED BY _____ DATE _____
 DRAWN BY _____
 CHECKED BY _____
 No. _____



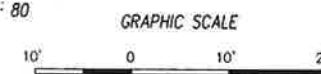
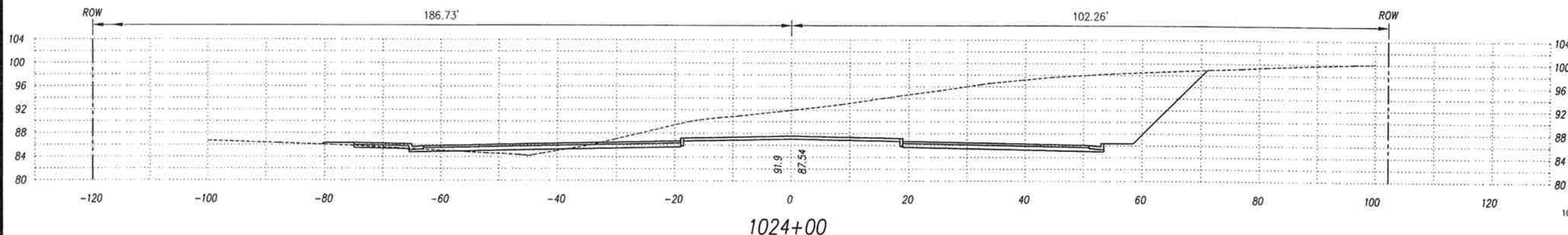
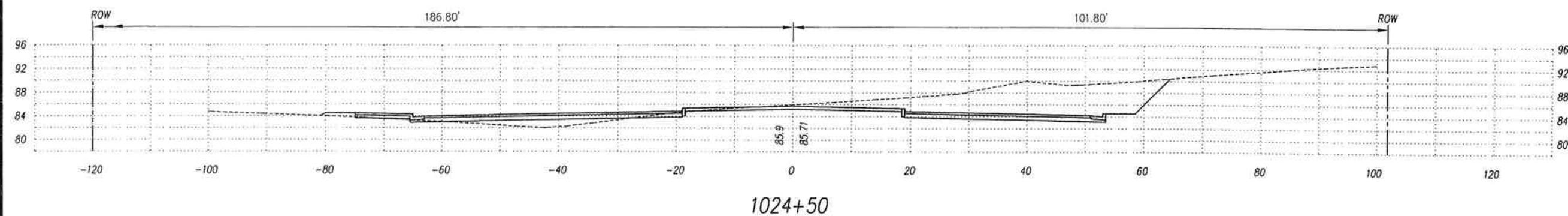
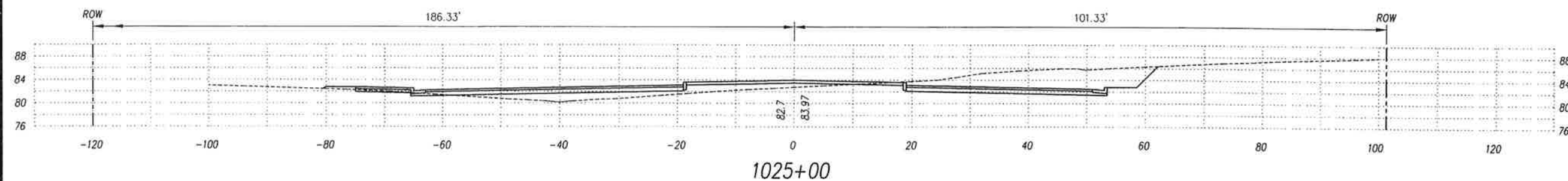
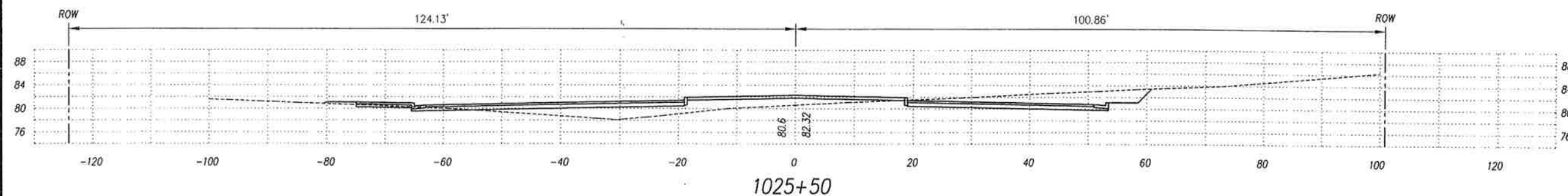
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 HENRY ST. to KEALAKEHE PKWY - PHASE I
 Federal Aid Project No. NH-019-1(20)
 Scale: 1" = 10' Date: November 2009
 SHEET No. 27 OF 73 SHEETS

AS-BUILT

177

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	178	315



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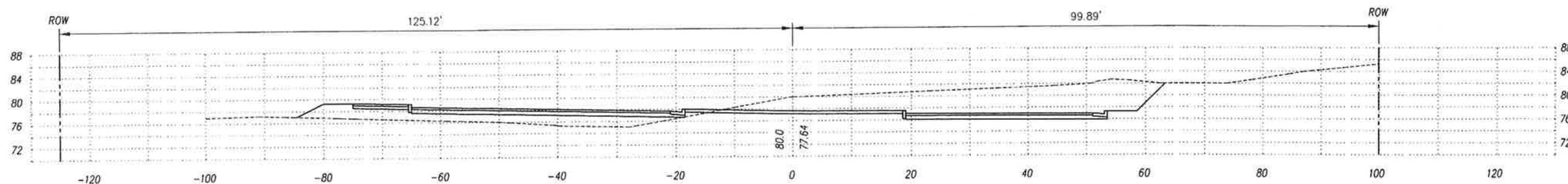
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HIGHWAYS DIVISION
CROSS SECTIONS
QUEEN KAAHUMANU HIGHWAY WIDENING
HENRY ST. to KEALAKEHE PKWY - PHASE I
Federal Aid Project No. NH-019-1(20)
Scale: 1" = 10' Date: November 2009
SHEET No. 28 OF 73 SHEETS

AS-BUILT

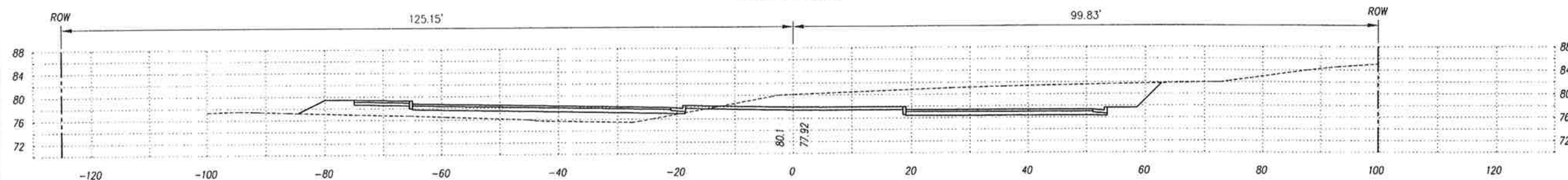
178

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

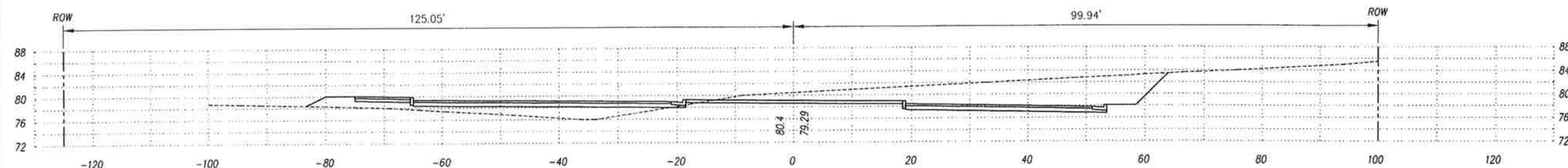
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	179	315



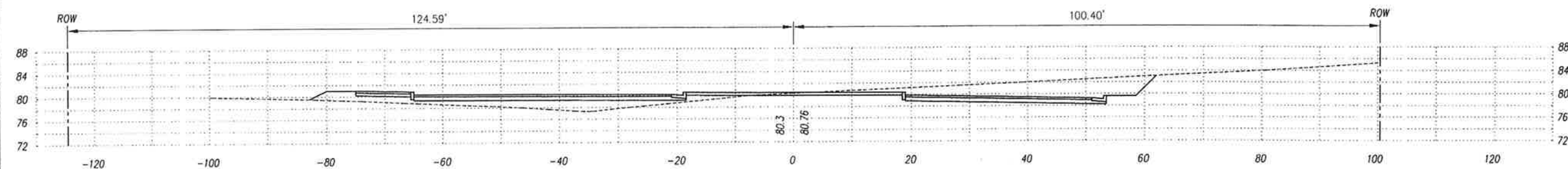
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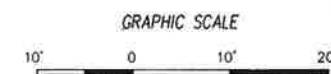
1027+00



1026+50



1026+00



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Wesley R. Segawa & Associates, Inc.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CROSS SECTIONS

QUEEN KAAHUMANU HIGHWAY WIDENING
HENRY ST. to KEALAKEHE PKWY - PHASE I

Federal Aid Project No. NH-019-1(20)

Scale: 1" = 10'

Date: November 2009

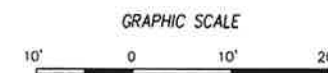
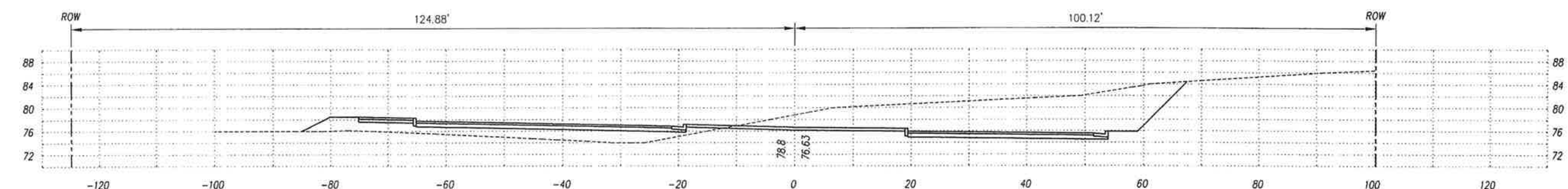
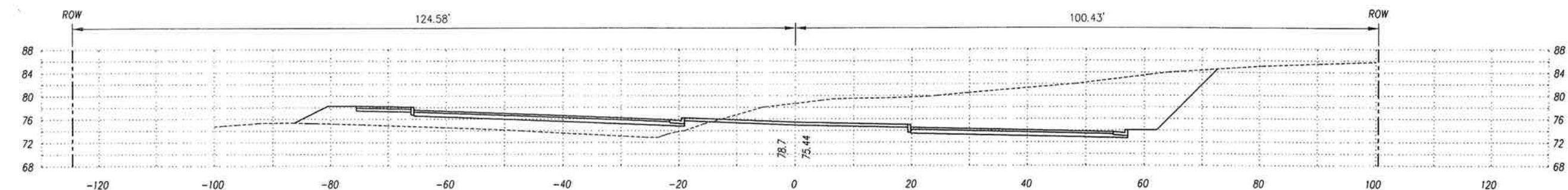
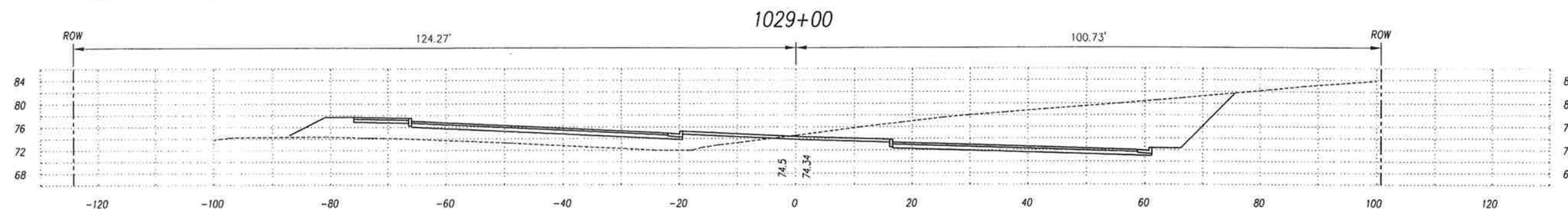
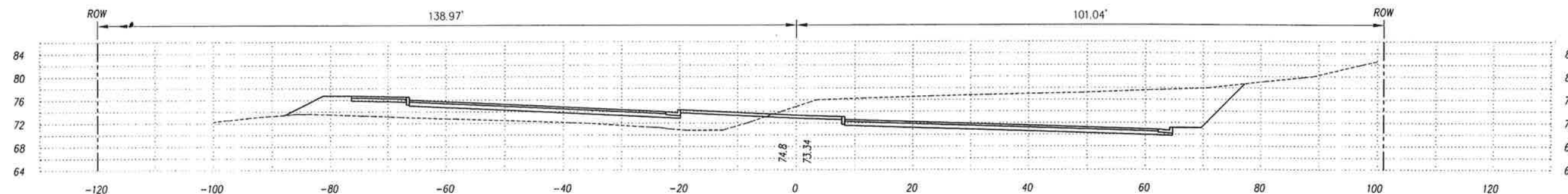
SHEET No. 29 OF 73 SHEETS

AS-BUILT

179

ORIGINAL SURVEY PLOTTED BY _____ DATE _____
DRAWN BY _____
CHECKED BY _____
NOTE BOOKS DESIGNED BY _____
QUANTITIES BY _____
No. _____

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	180	315



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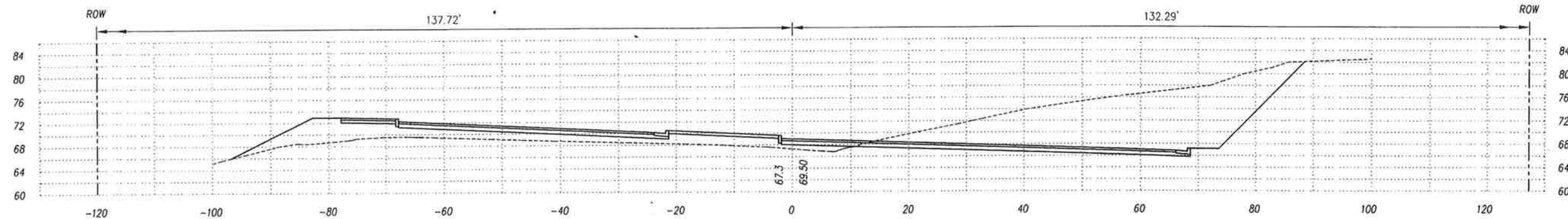
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
CROSS SECTIONS
QUEEN KAAHUMANU HIGHWAY WIDENING
HENRY ST. to KEALAKEHE PKWY - PHASE I
Federal Aid Project No. NH-019-1(20)
Scale: 1" = 10' Date: November 2009
SHEET No. 30 OF 73 SHEETS

AS-BUILT

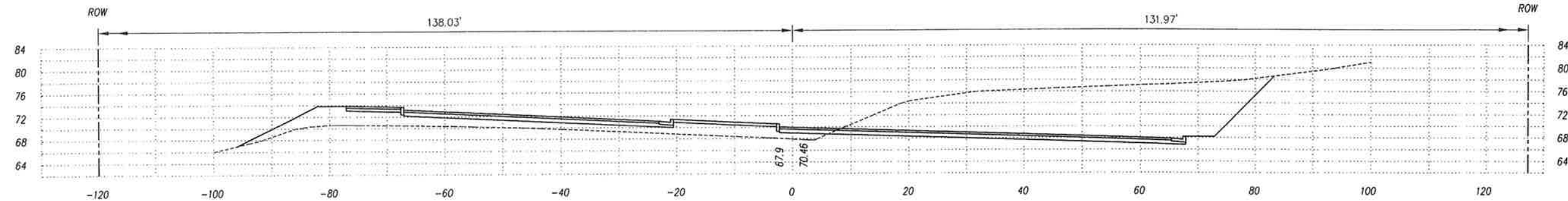
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ORIGINAL SURVEY PLOTTED BY _____ DATE _____
DRAWN BY _____
CHECKED BY _____
NOTE BOOKED BY _____
QUANTITIES BY _____
No. _____

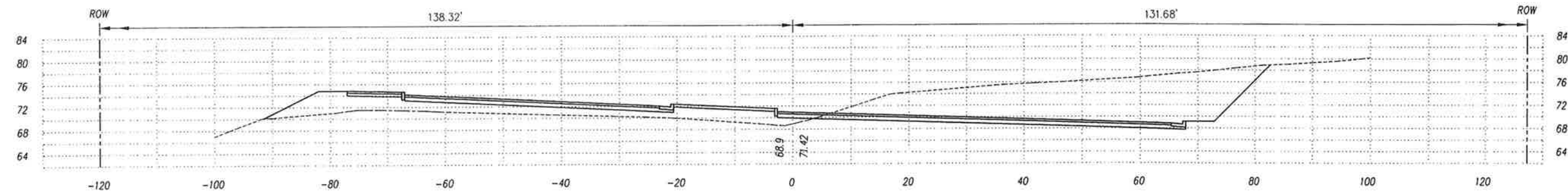
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	181	315



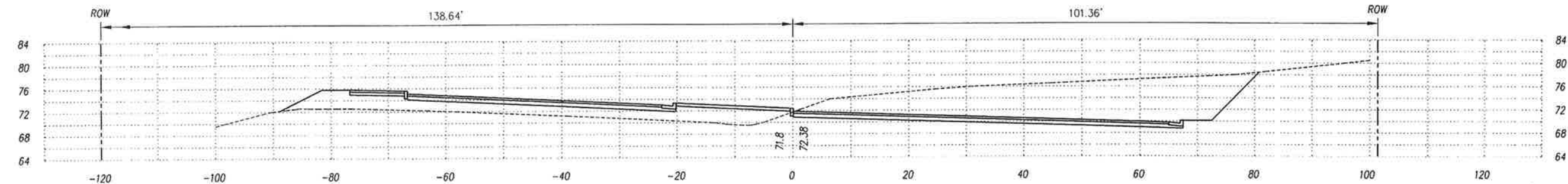
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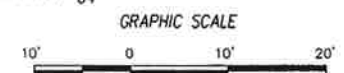
1030+50



1030+00



1029+50



ORIGINAL SURVEY PLOTTED BY _____ DATE _____
 DRAWN BY _____
 CHECKED BY _____
 NOTE BOOKED BY _____
 QUANTITIES BY _____
 No. _____



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STATE OF HAWAII
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 HIGHWAYS DIVISION

CROSS SECTIONS

QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE I

Federal Aid Project No. NH-019-1(20)

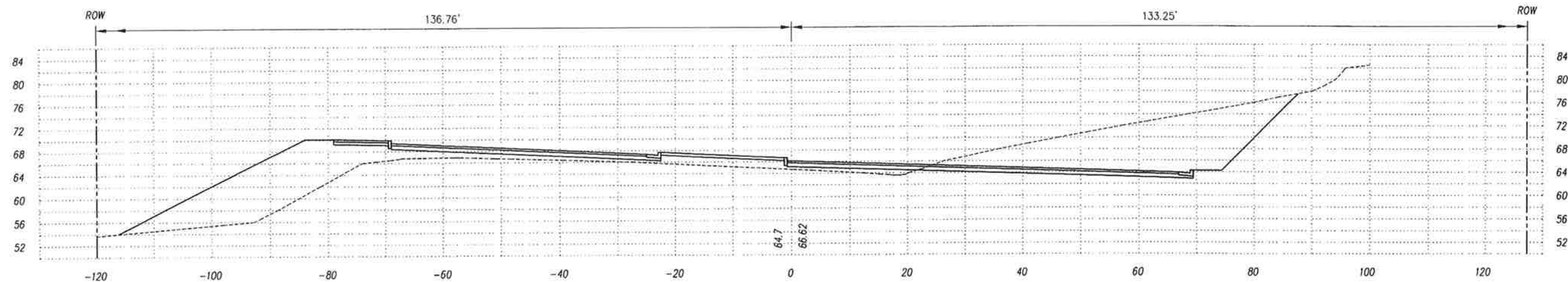
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SHEET No. 31 OF 73 SHEETS

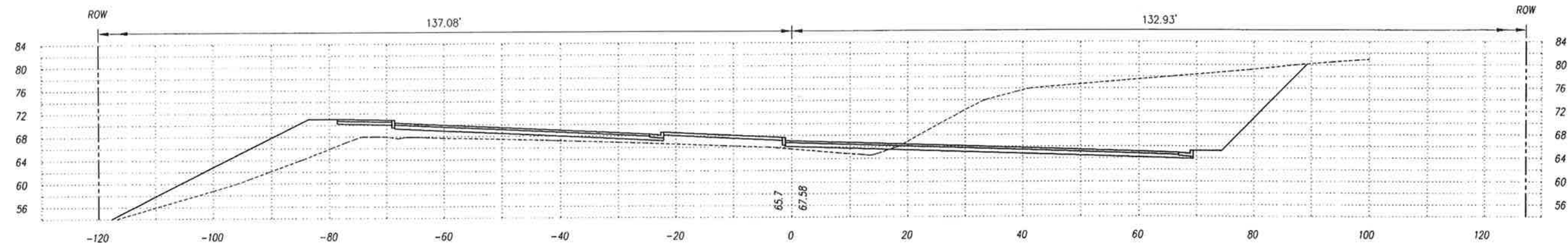
AS-BUILT

181

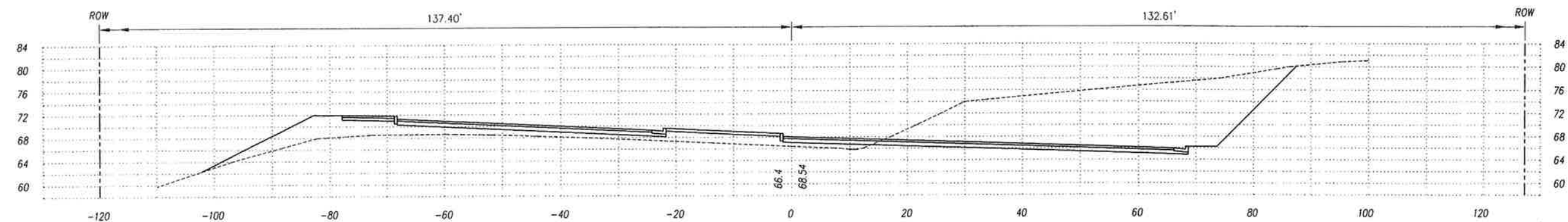
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	182	315



1032+50



1032+00



1031+50



ORIGINAL SURVEY PLOTTED BY _____ DATE _____
 PLAN DRAWN BY _____
 NOTE BOOKED BY _____
 QUANTITIES BY _____
 CHECKED BY _____
 No. _____



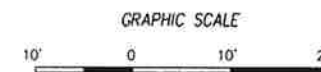
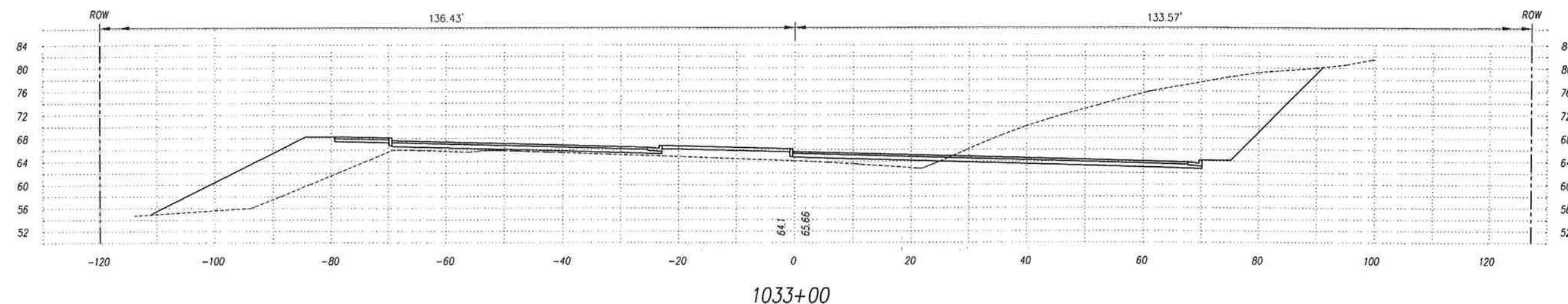
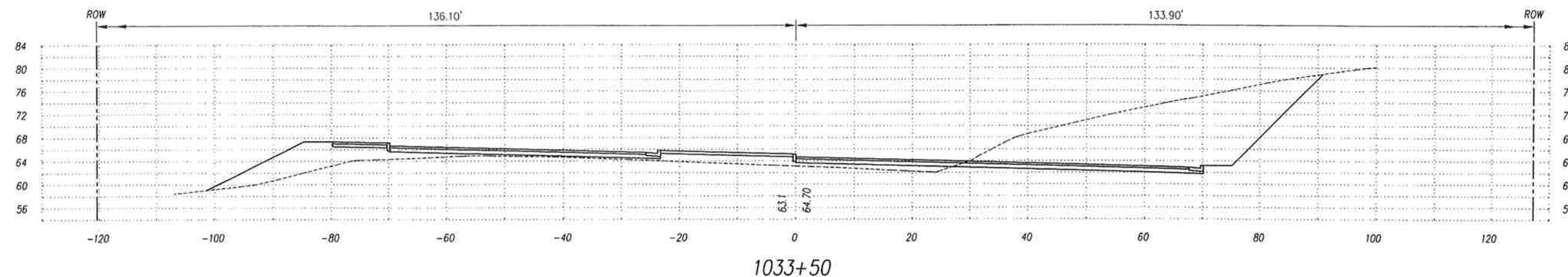
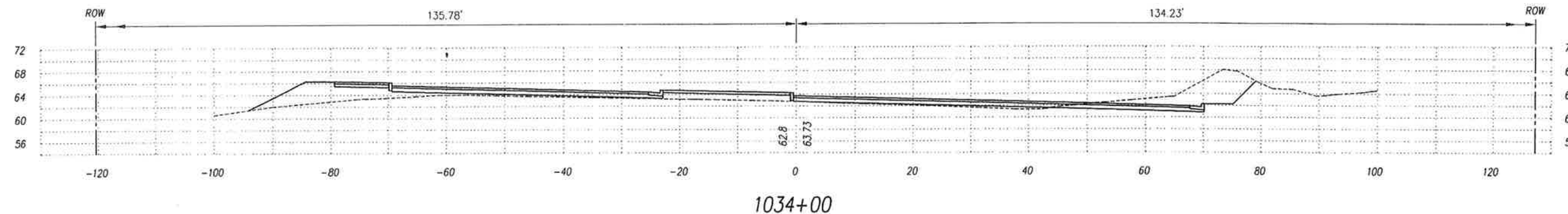
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STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
CROSS SECTIONS
 QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE I
 Federal Aid Project No. NH-019-1(20)
 Scale: 1" = 10' Date: November 2009
 SHEET No. 32 OF 73 SHEETS

AS-BUILT

182

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	183	315



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STATE OF HAWAII
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HIGHWAYS DIVISION

CROSS SECTIONS

QUEEN KAAHUMANU HIGHWAY WIDENING
HENRY ST. to KEALAKEHE PKWY - PHASE I

Federal Aid Project No. NH-019-1(20)

Scale: 1" = 10'

Date: November 2009

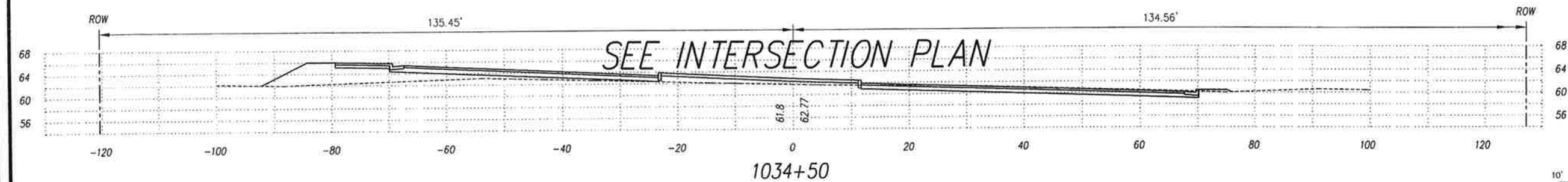
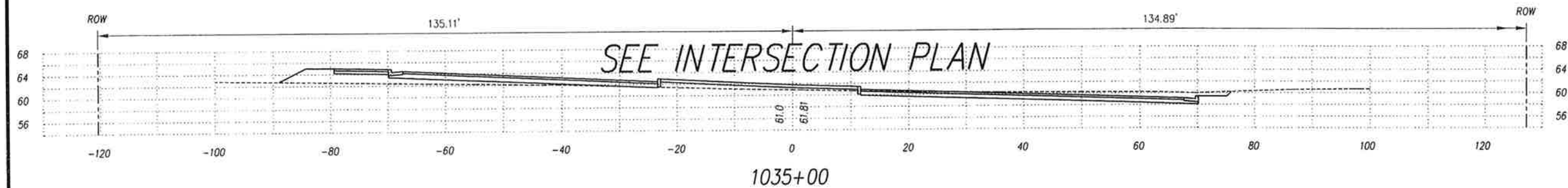
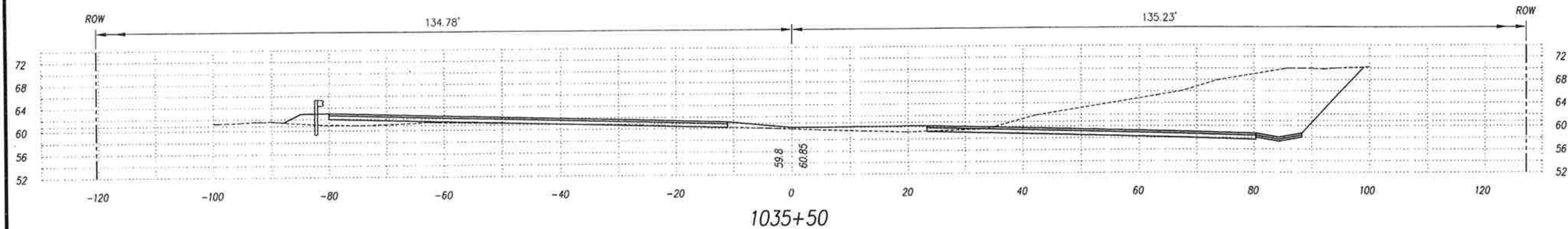
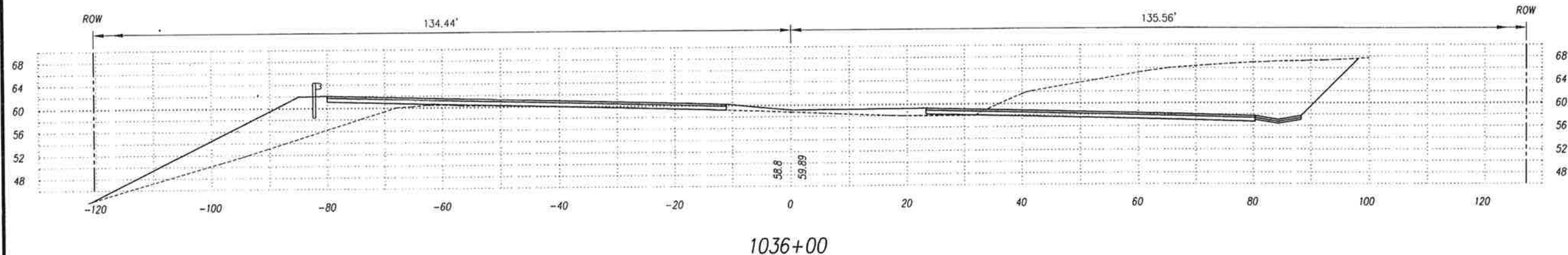
SHEET No. 33 OF 73 SHEETS

AS-BUILT

183

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	184	315



SURVEY PLOTTED BY _____ DATE _____
 ORIGINAL DRAWN BY _____
 NOTE BOOK _____
 CHECKED BY _____
 No. _____



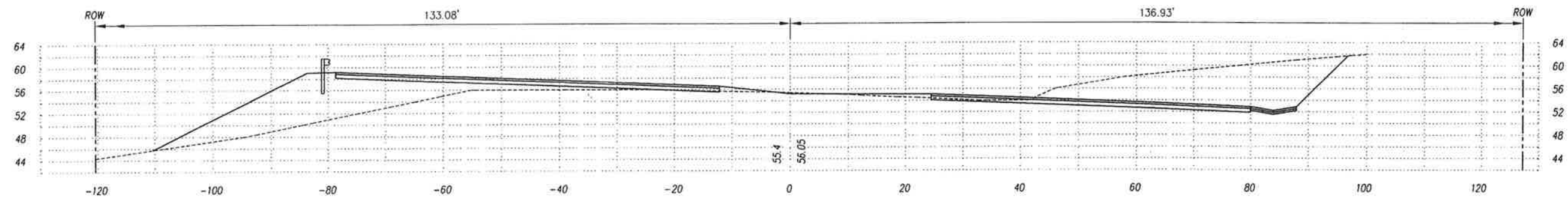
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CROSS SECTIONS
 QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE I
 Federal Aid Project No. NH-019-1(20)
 Scale: 1" = 10' Date: November 2009
 SHEET No. 34 OF 73 SHEETS

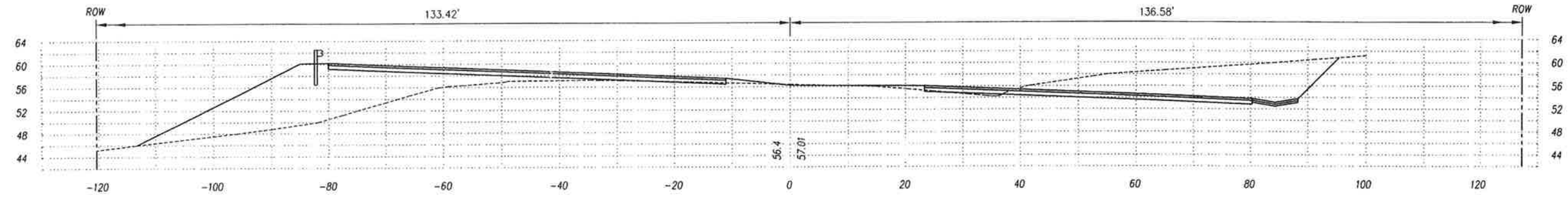
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184

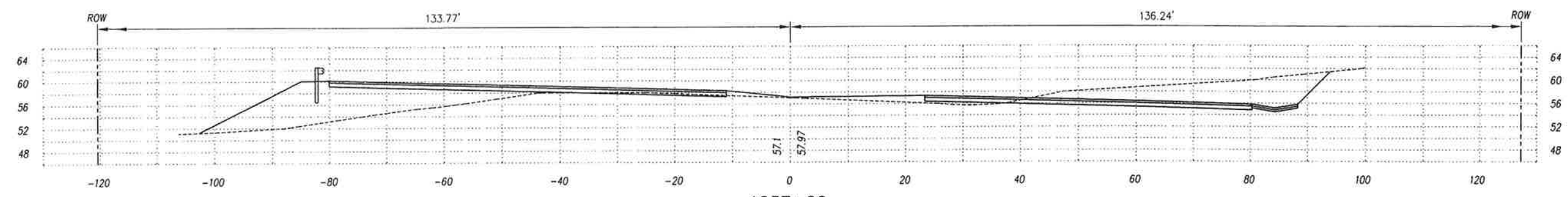
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	185	315



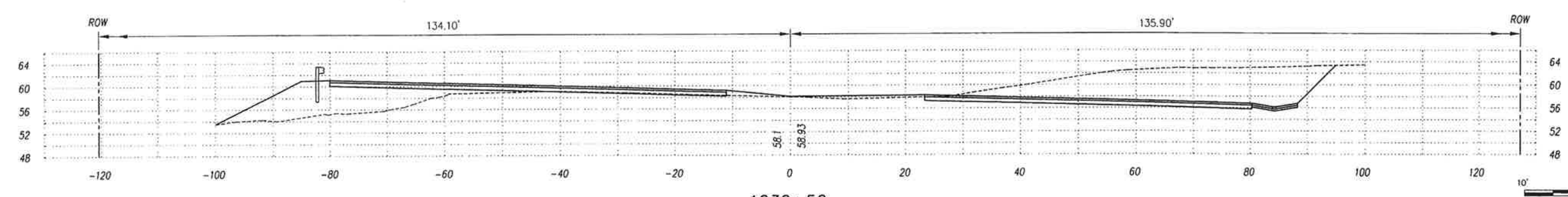
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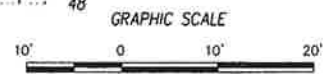
1037+50



1037+00



1036+50



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



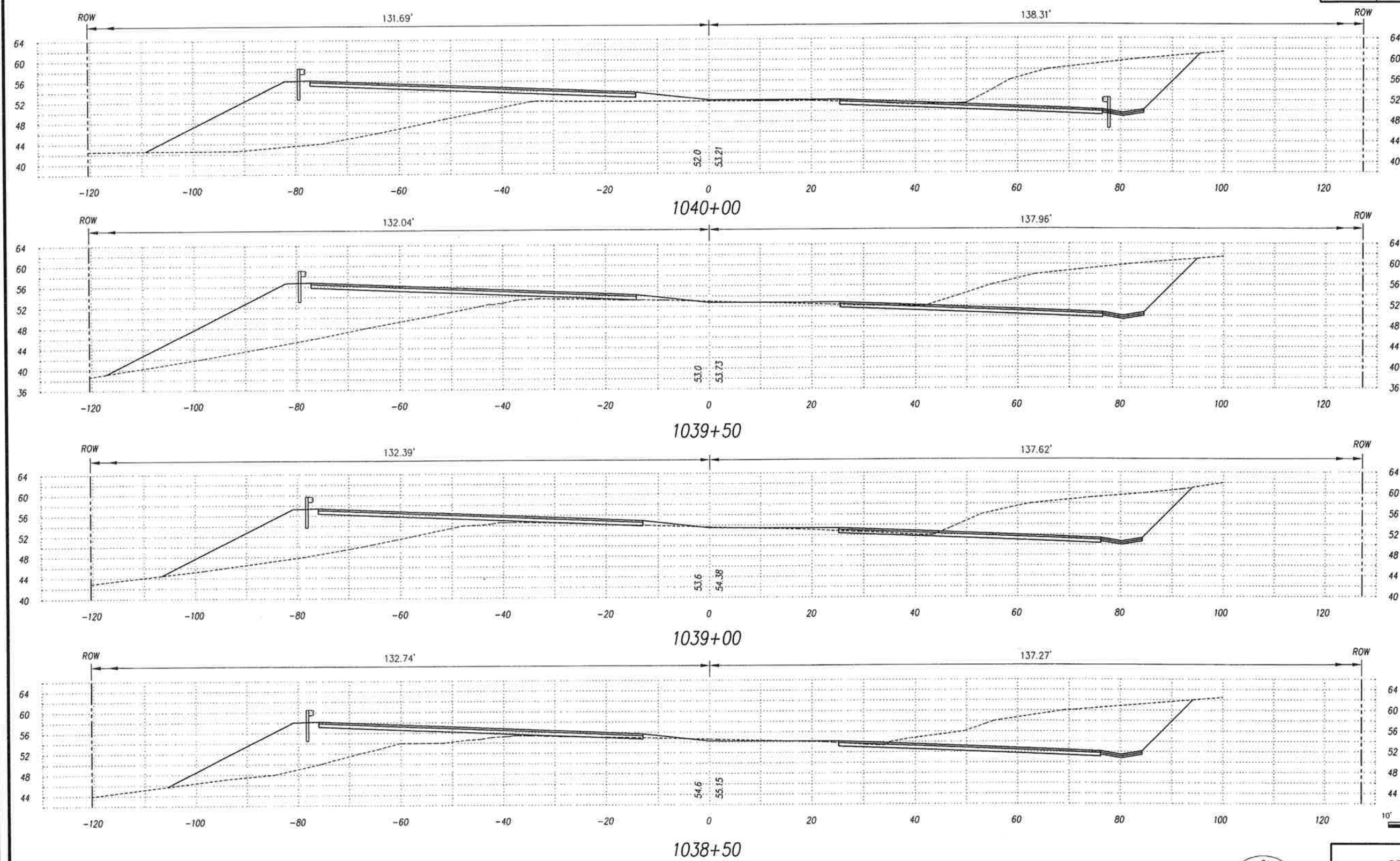
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CROSS SECTIONS
 QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE I
 Federal Aid Project No. NH-019-1(20)
 Scale: 1" = 10' Date: November 2009
 SHEET No. 35 OF 73 SHEETS

AS-BUILT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	186	315



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



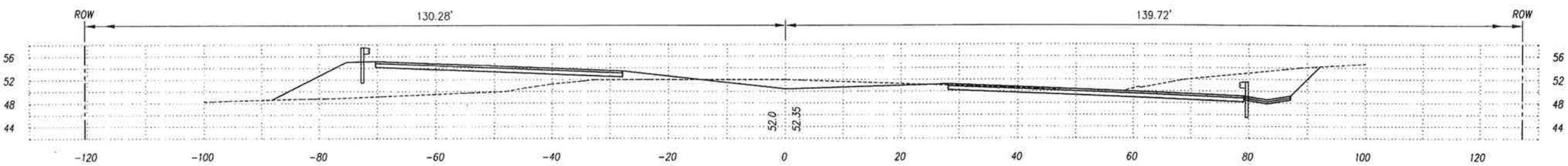
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 HIGHWAYS DIVISION
CROSS SECTIONS
 QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE I
 Federal Aid Project No. NH-019-1(20)
 Scale: 1" = 10' Date: November 2009
 SHEET No. 36 OF 73 SHEETS

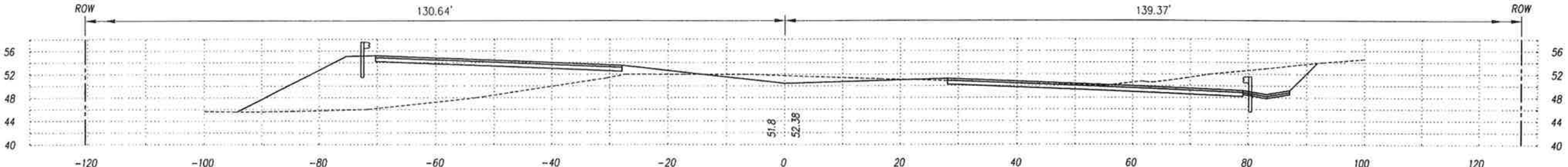
AS-BUILT

186

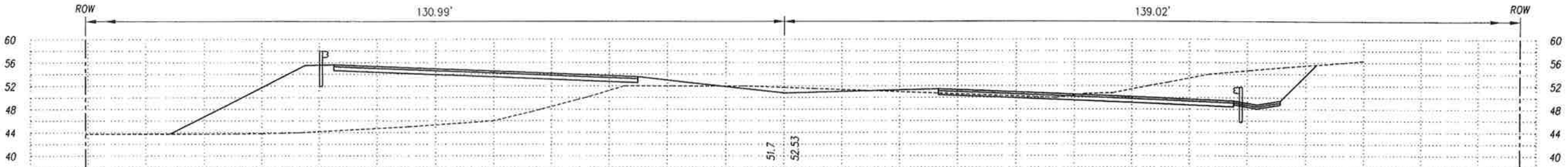
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2006	187	315



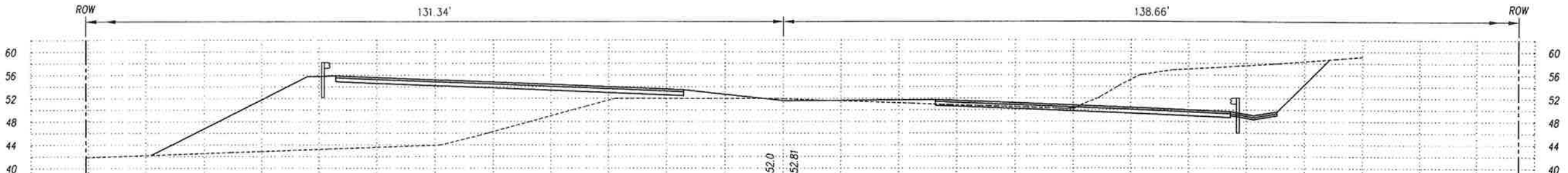
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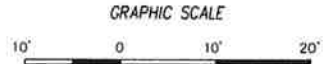
1041+50



1041+00



1040+50



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



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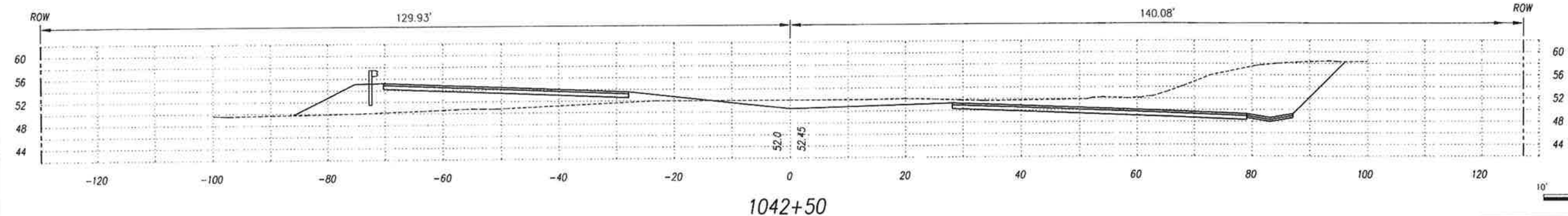
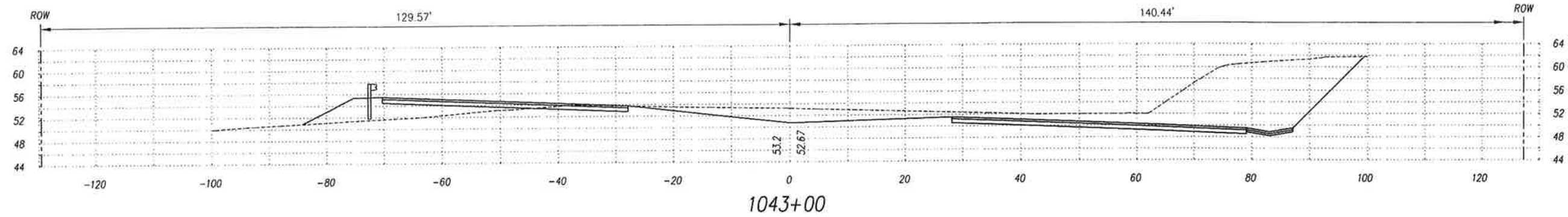
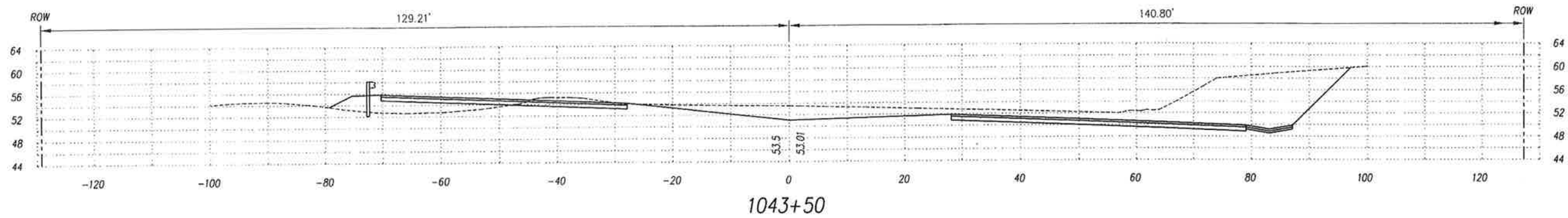
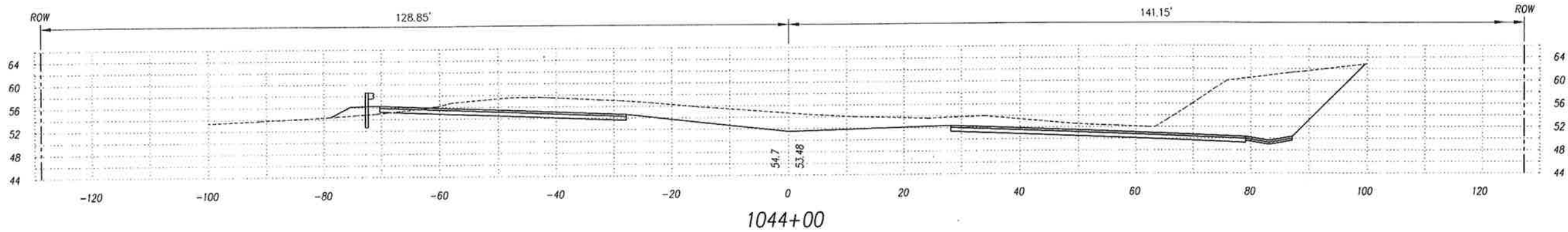
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

CROSS SECTIONS

 QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE I
 Federal Aid Project No. NH-019-1(20)
 Scale: 1" = 10' Date: November 2009
 SHEET No. 37 OF 73 SHEETS

AS-BUILT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	188	315



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



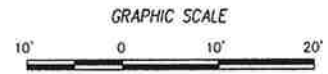
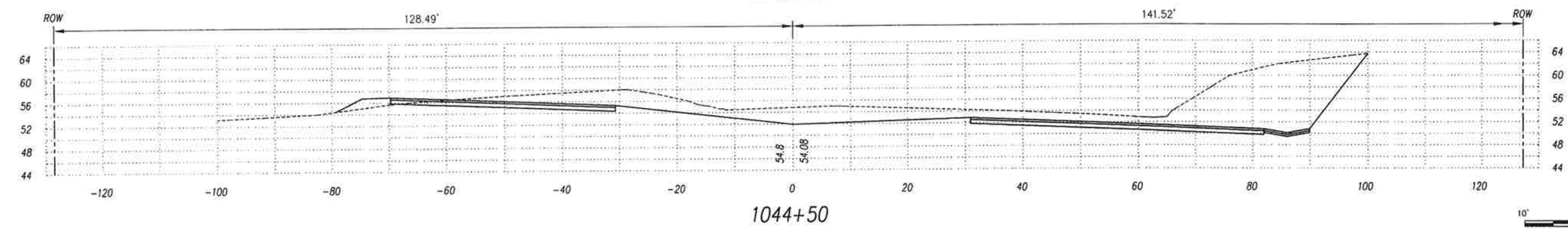
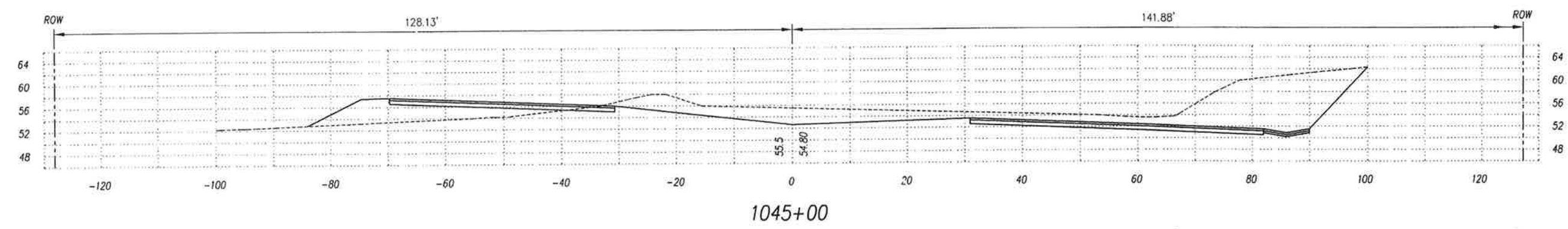
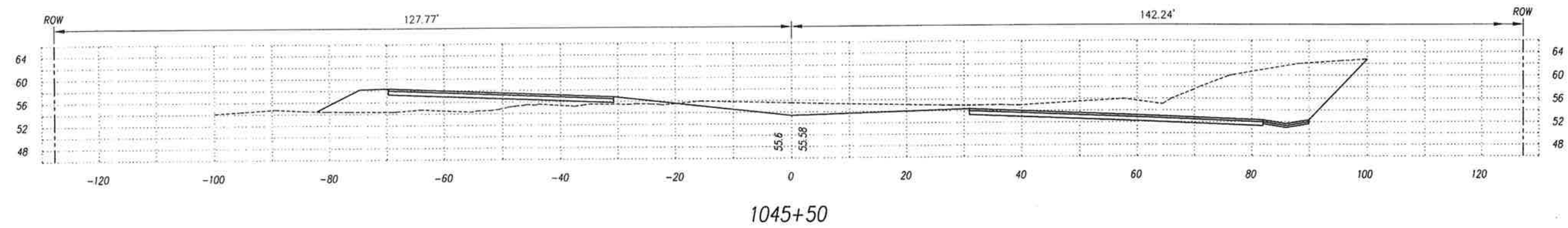
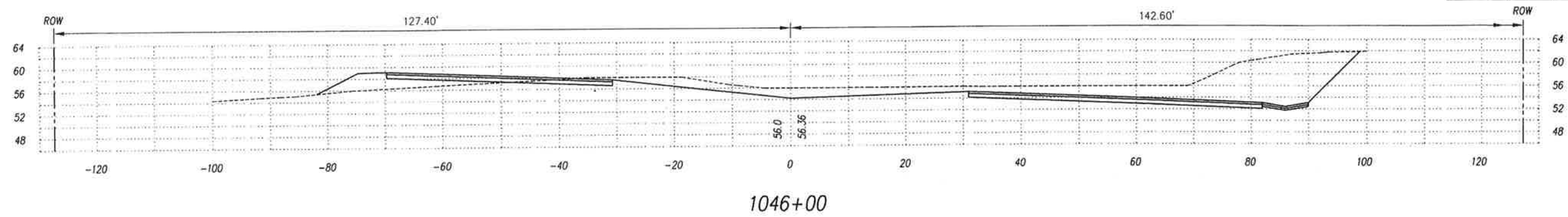
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STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

CROSS SECTIONS
 QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE I
 Federal Aid Project No. NH-019-1(20)
 Scale: 1" = 10' Date: November 2009
 SHEET No. 38 OF 73 SHEETS

AS-BUILT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	189	315



ORIGINAL SURVEY PLOTTED BY _____ DATE _____
DRAWN BY _____
NOTE BOOK NO. _____
QUANTITIES BY _____
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No. _____



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

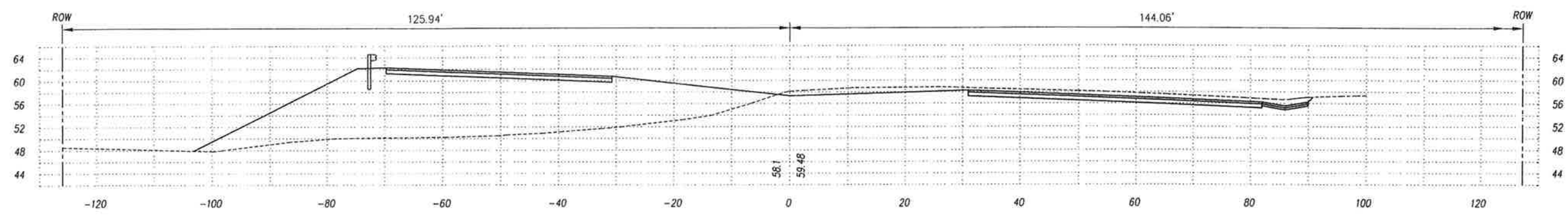
CROSS SECTIONS

QUEEN KAAHUMANU HIGHWAY WIDENING
HENRY ST. to KEALAKEHE PKWY - PHASE I
Federal Aid Project No. NH-019-1(20)
Scale: 1" = 10' Date: November 2009

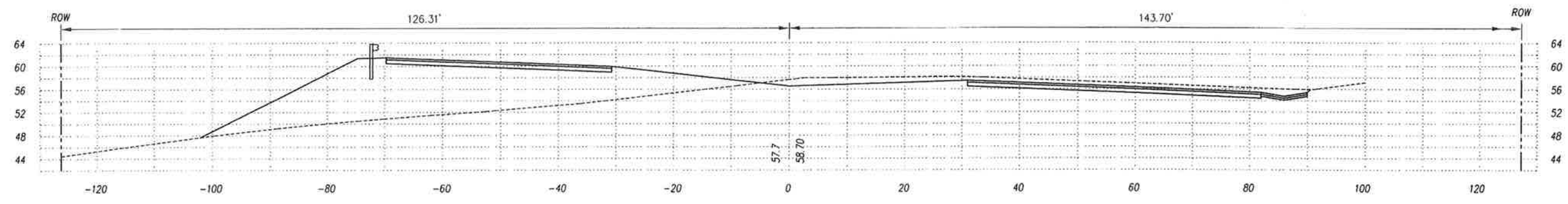
SHEET No. 39 OF 73 SHEETS

AS-BUILT

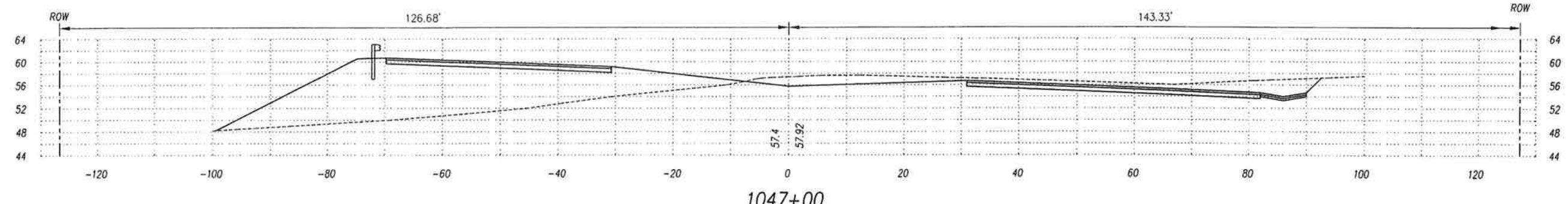
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	190	315



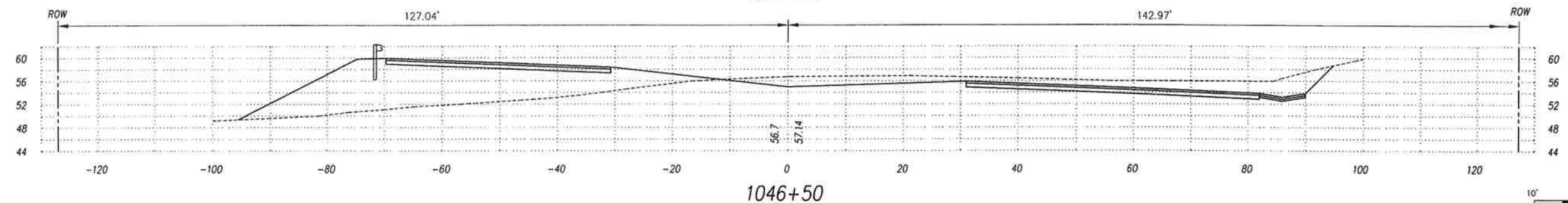
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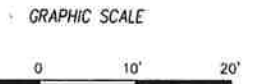
1047+50



1047+00



1046+50



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



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STATE OF HAWAII
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HIGHWAYS DIVISION

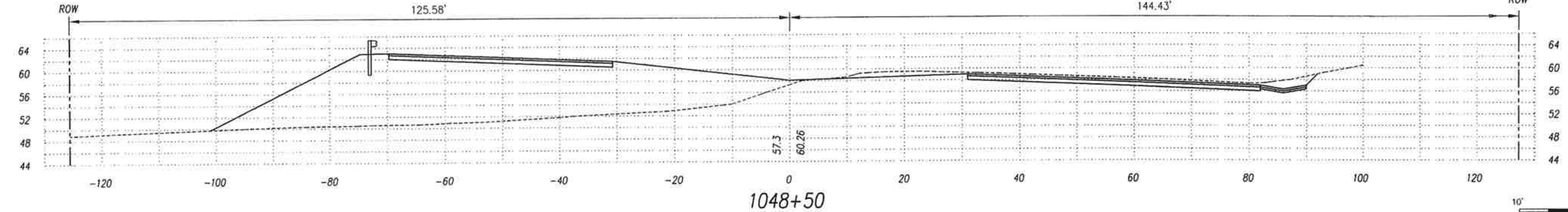
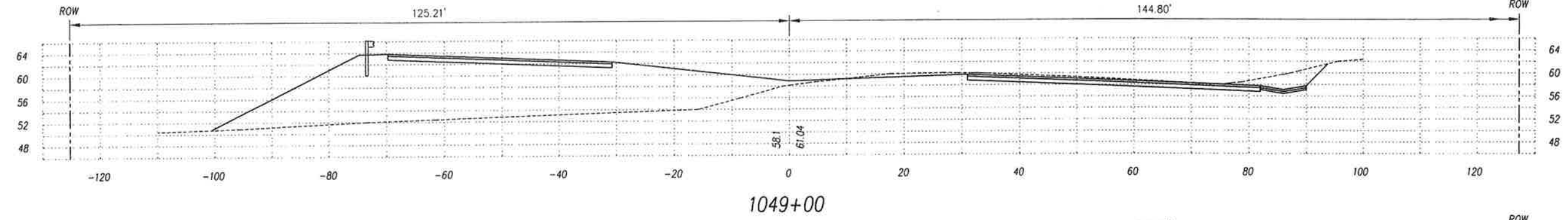
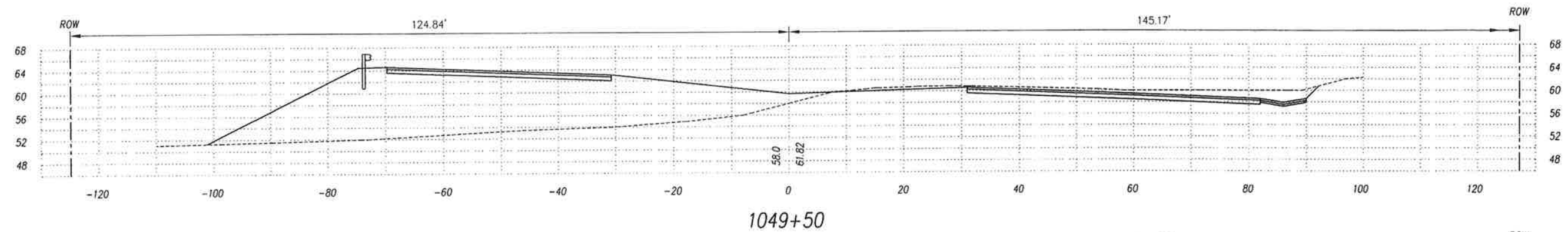
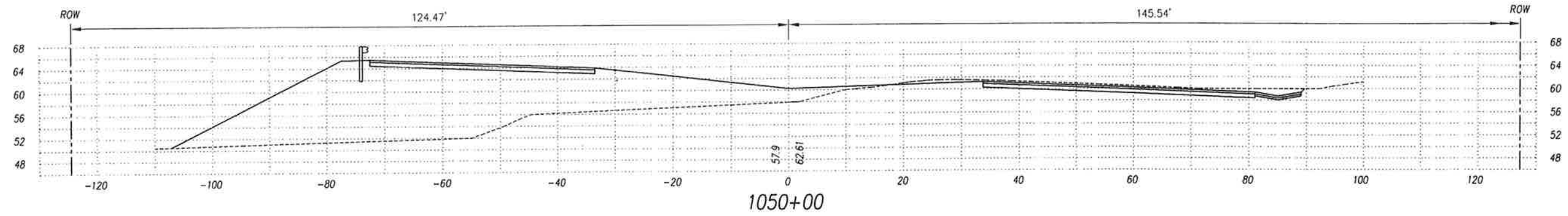
CROSS SECTIONS

QUEEN KAAHUMANU HIGHWAY WIDENING
HENRY ST. to KEALAKEHE PKWY - PHASE I
Federal Aid Project No. NH-019-1(20)
Scale: 1" = 10' Date: November 2009

SHEET No. 40 OF 73 SHEETS

AS-BUILT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	191	315



ORIGINAL SURVEY PLOTTED BY _____ DATE _____
 DRAWN BY _____
 TRACED BY _____
 DESIGNED BY _____
 CHECKED BY _____
 No. _____



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Neal S. Fukumoto
 Wesley R. Segawa & Associates, Inc.

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

CROSS SECTIONS

QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE I

Federal Aid Project No. NH-019-1(20)

Scale: 1" = 10'

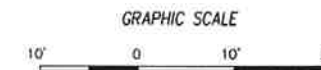
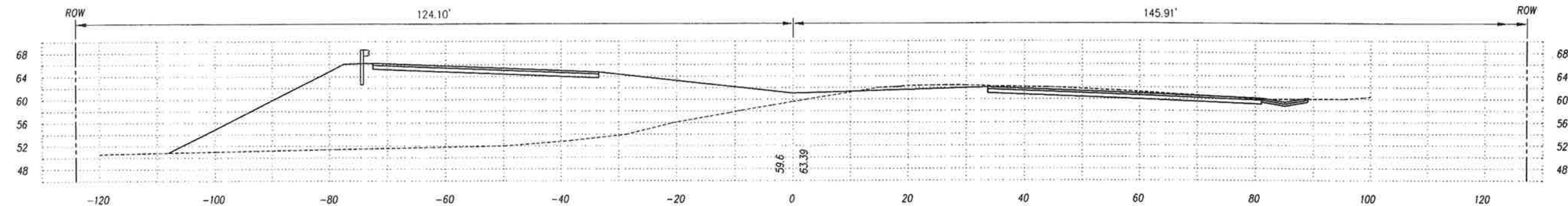
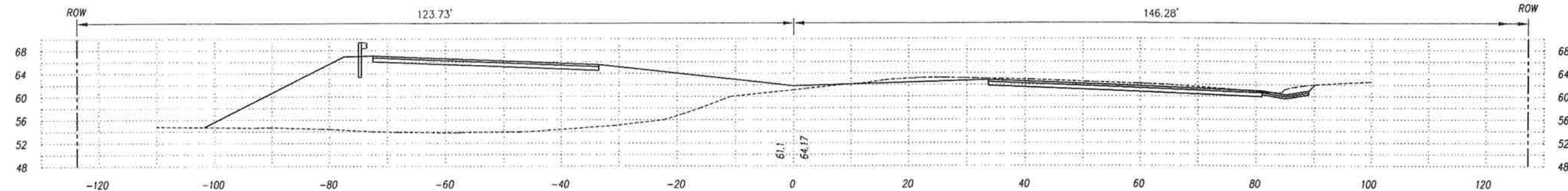
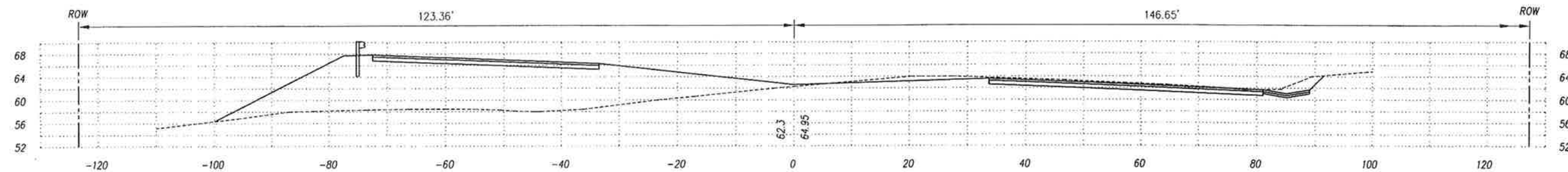
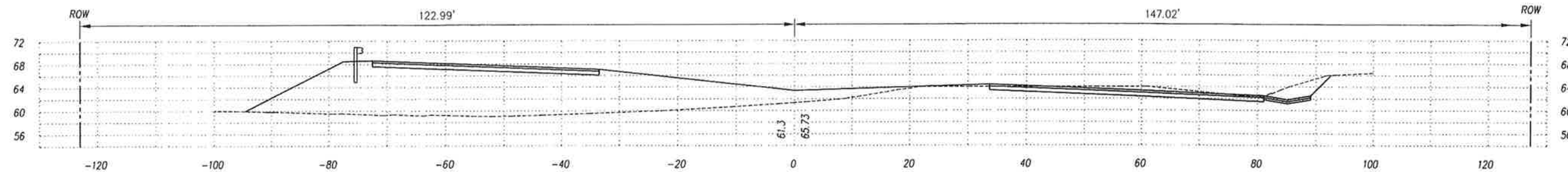
Date: November 2009

SHEET No. 41 OF 73 SHEETS

AS-BUILT

191

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	192	315



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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CROSS SECTIONS

QUEEN KAAHUMANU HIGHWAY WIDENING
HENRY ST. to KEALAKEHE PKWY - PHASE I

Federal Aid Project No. NH-019-1(20)

Scale: 1" = 10'

Date: November 2009

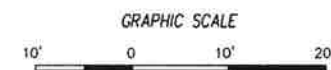
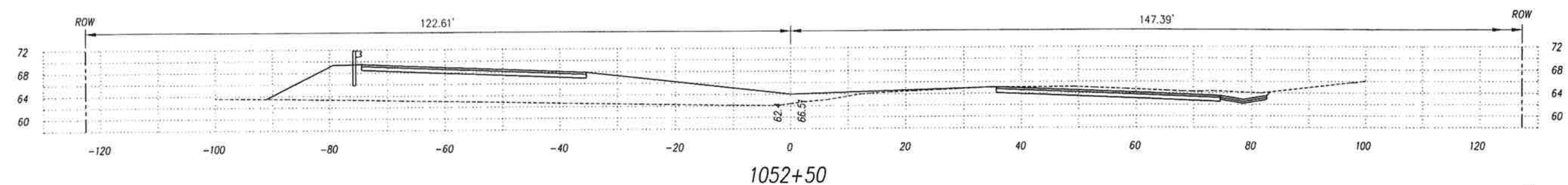
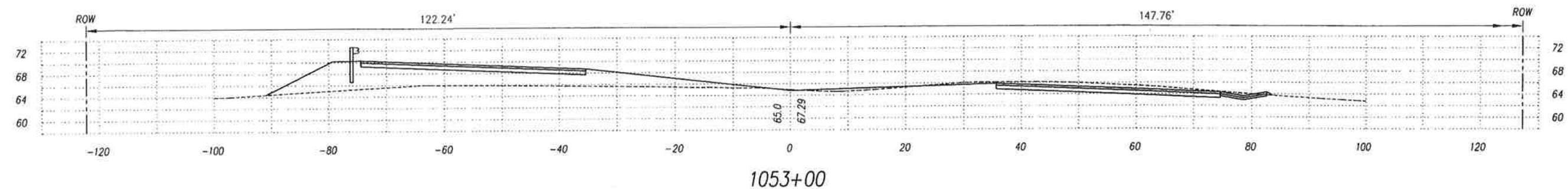
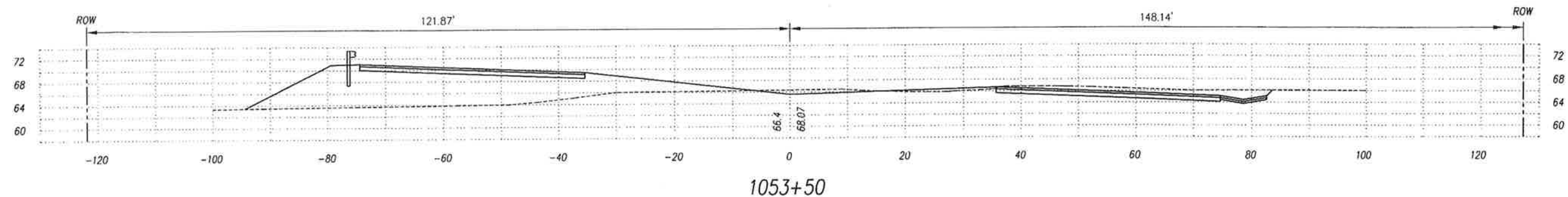
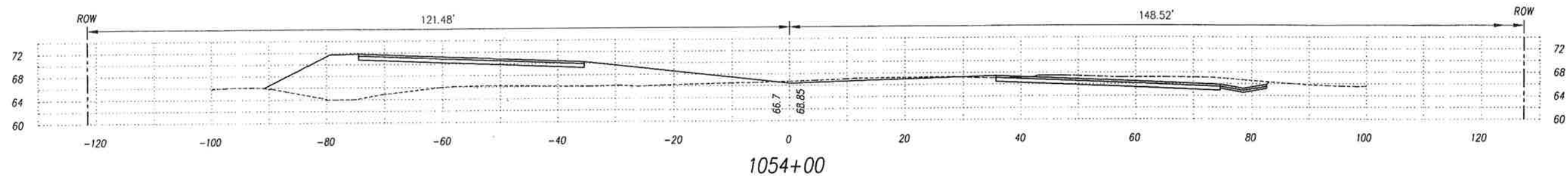
SHEET No. 42 OF 73 SHEETS

AS-BUILT

192

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	193	315



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CROSS SECTIONS

QUEEN KAAHUMANU HIGHWAY WIDENING
HENRY ST. to KEALAKEHE PKWY - PHASE I

Federal Aid Project No. NH-019-1(20)

Scale: 1" = 10'

Date: November 2009

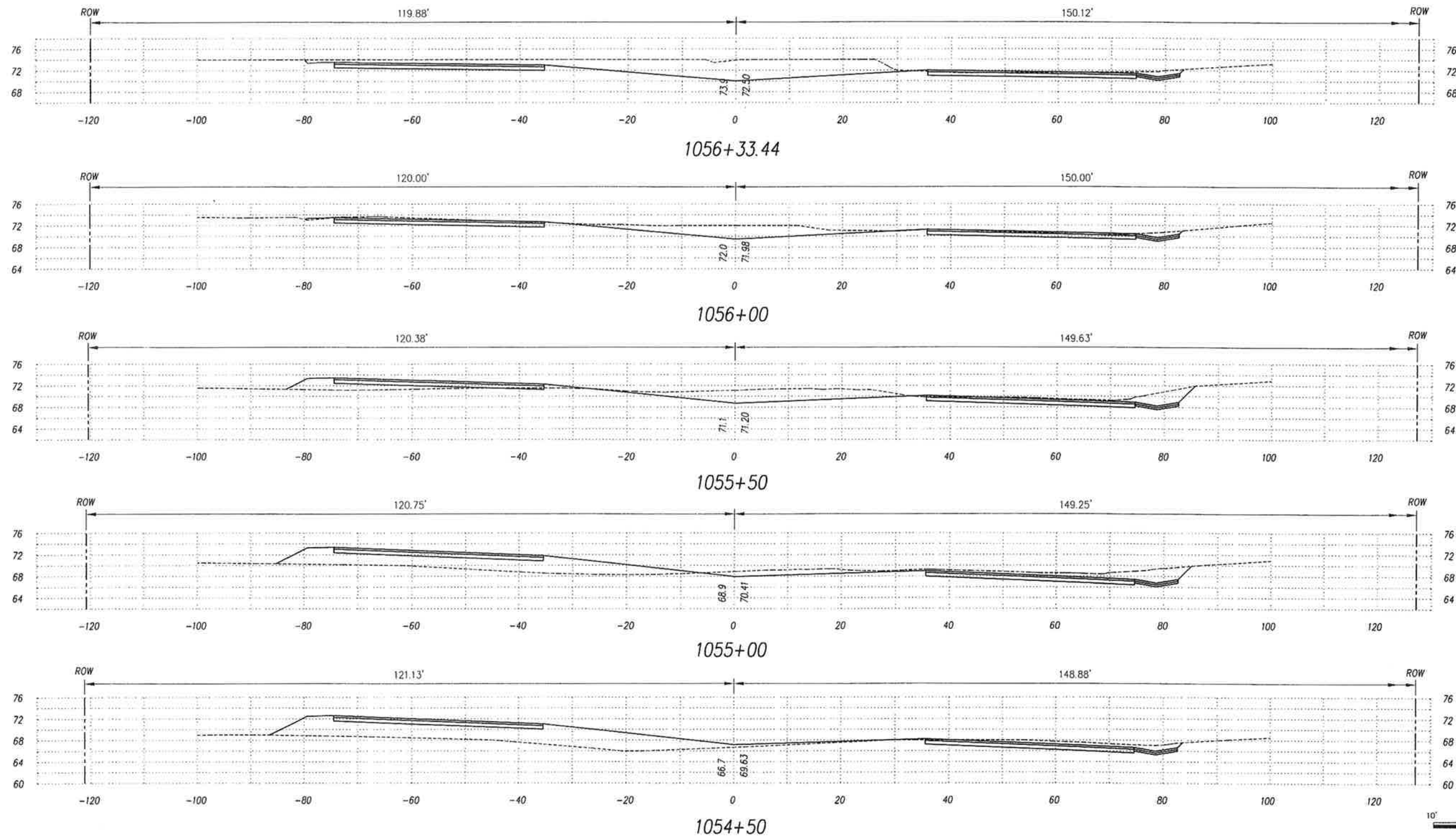
SHEET No. 43 OF 73 SHEETS

AS-BUILT

193

ORIGINAL SURVEY PLOTTED BY DATE
DRAWN BY
DESIGNED BY
CHECKED BY
No.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	194	315



ORIGINAL
DRAWN BY
PLAN
NOTE BOOK
DESIGNED BY
QUANTITIES BY
CHECKED BY
No.



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HIGHWAYS DIVISION

CROSS SECTIONS

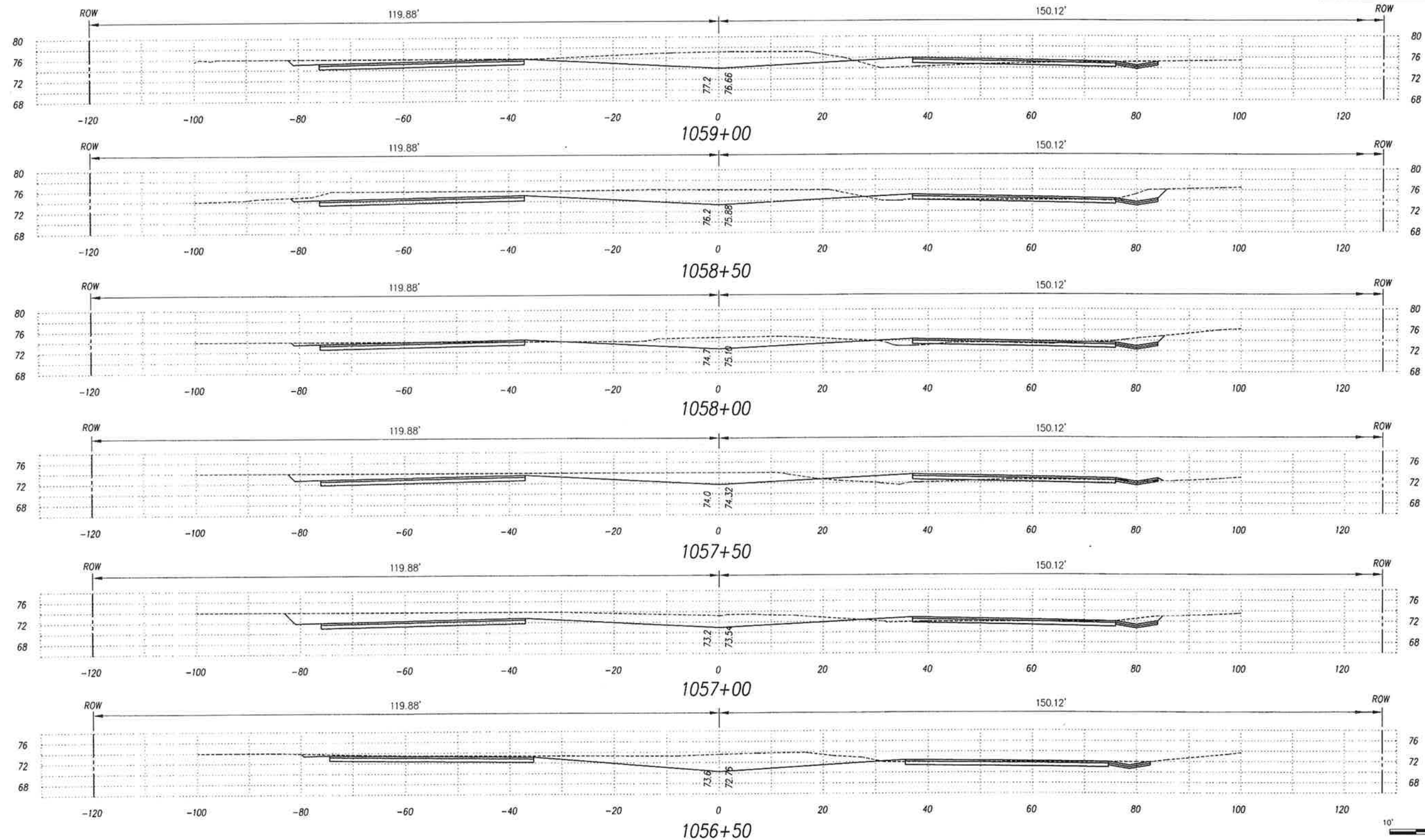
QUEEN KAAHUMANU HIGHWAY WIDENING
HENRY ST. to KEALAKEHE PKWY - PHASE I
Federal Aid Project No. NH-019-1(20)
Scale: 1" = 10' Date: November 2009

SHEET No. 44 OF 73 SHEETS

AS-BUILT

194

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	195	315



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

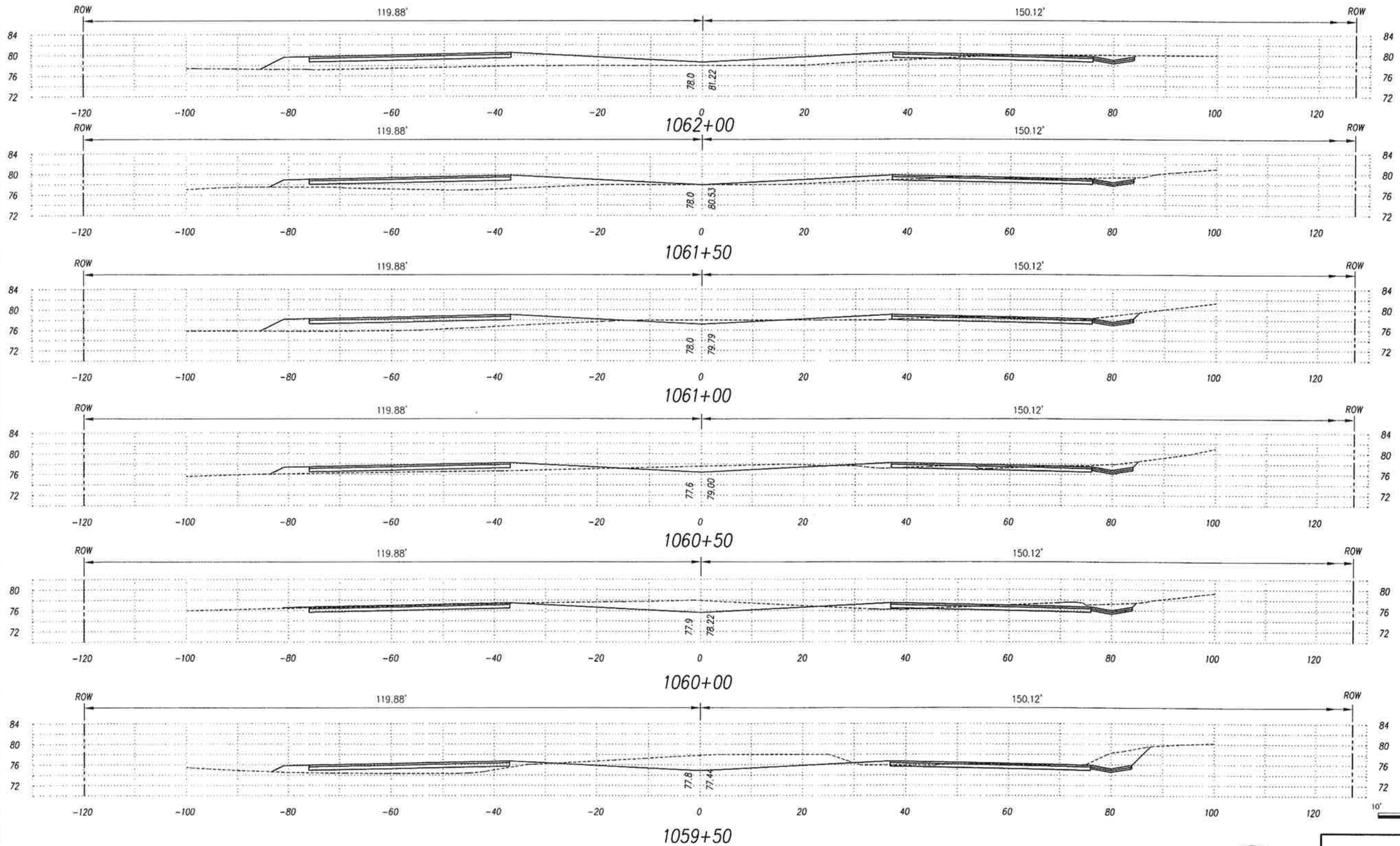


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CROSS SECTIONS
 QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE I
 Federal Aid Project No. NH-019-1(20)
 Scale: 1" = 10' Date: November 2009
 SHEET No. 45 OF 73 SHEETS

AS-BUILT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	196	315



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

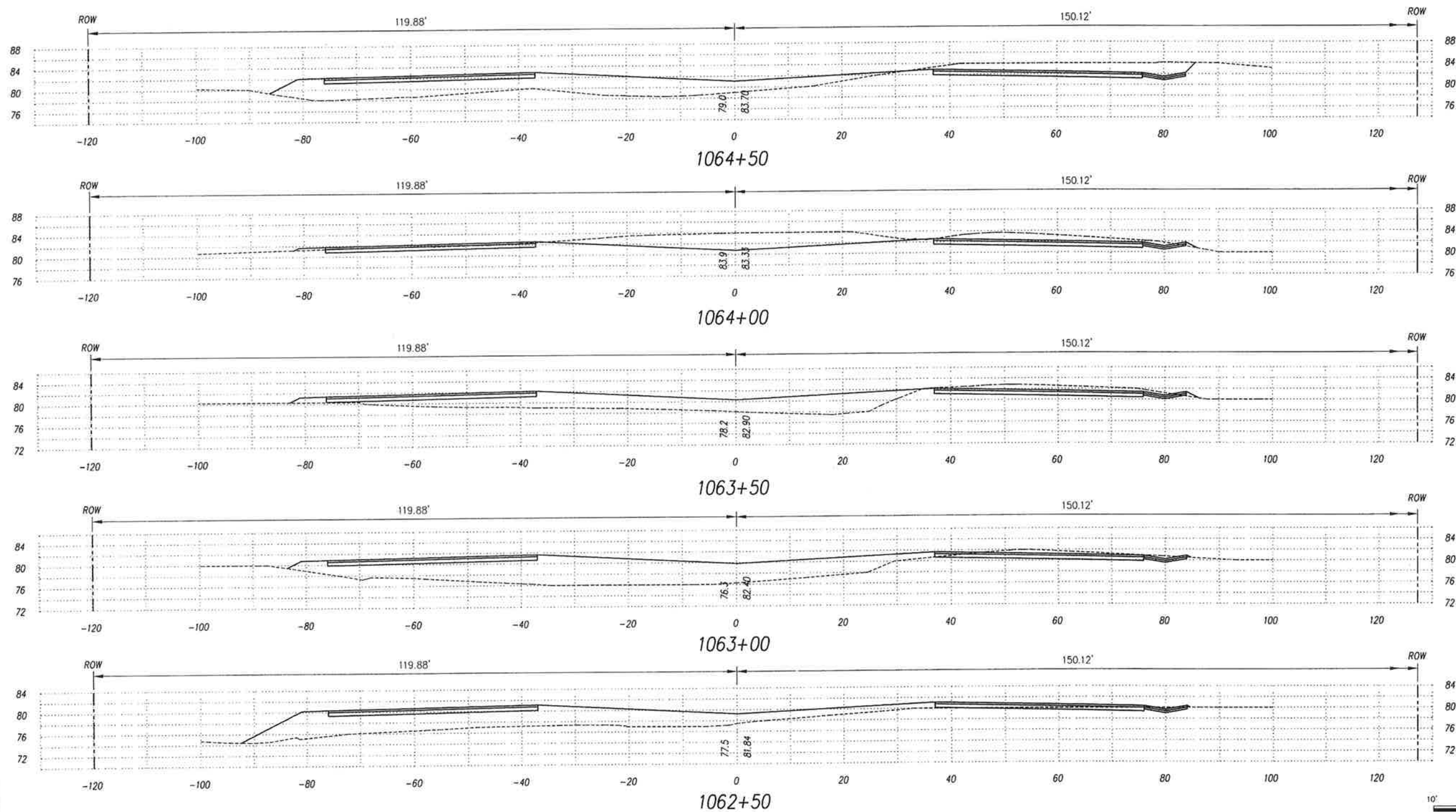


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CROSS SECTIONS
 QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE I
 Federal Aid Project No. NH-019-1(20)
 Scale: 1" = 10' Date: November 2009
 SHEET No. 46 OF 73 SHEETS

AS-BUILT

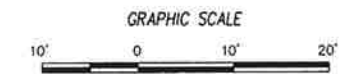
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	197	315



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 PLAN DRAWN BY
 NOTE BOOK DESIGNED BY
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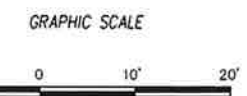
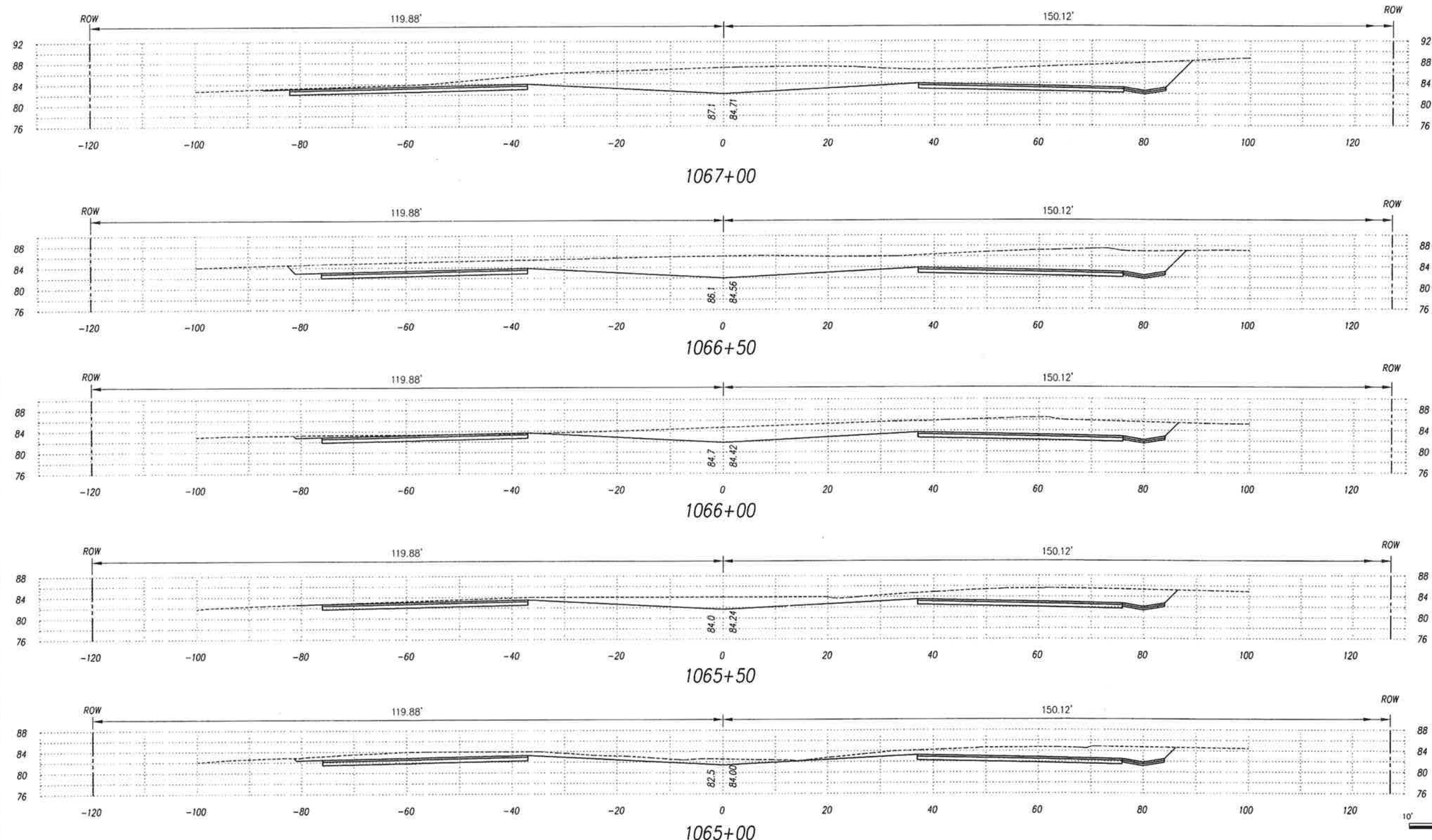
CROSS SECTIONS

QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE I
 Federal Aid Project No. NH-019-1(20)
 Scale: 1" = 10' Date: November 2009

SHEET No. 47 OF 73 SHEETS

AS-BUILT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	198	315



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



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CROSS SECTIONS

**QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE I**

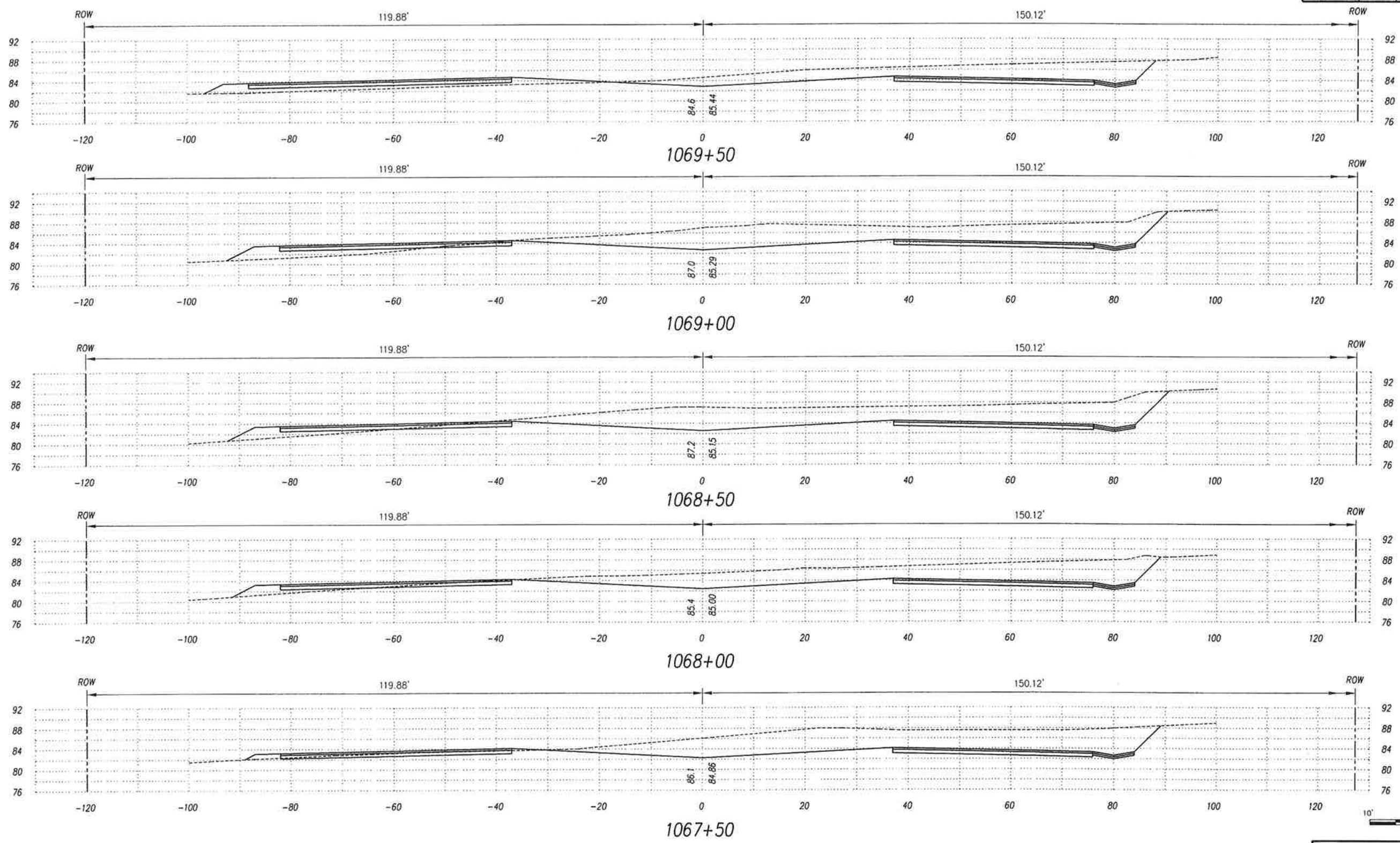
Federal Aid Project No. NH-019-1(20)

Scale: 1" = 10' Date: November 2009

SHEET No. 48 OF 73 SHEETS

AS-BUILT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	199	315



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



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 HIGHWAYS DIVISION

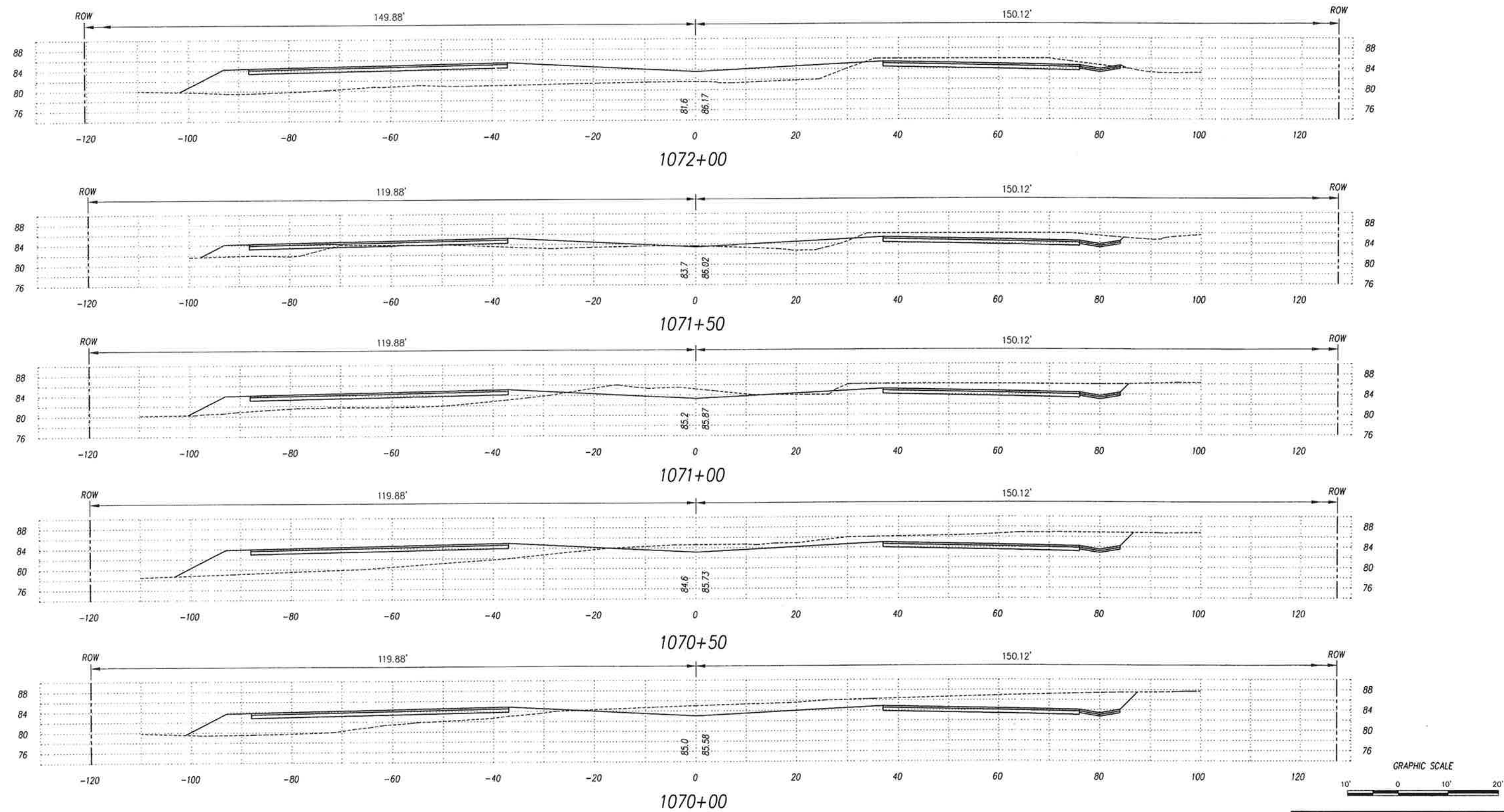
CROSS SECTIONS

QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE I
 Federal Aid Project No. NH-019-1(20)
 Scale: 1" = 10' Date: November 2009

SHEET No. 49 OF 73 SHEETS

AS-BUILT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	200	315



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



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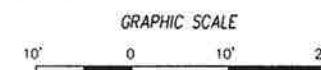
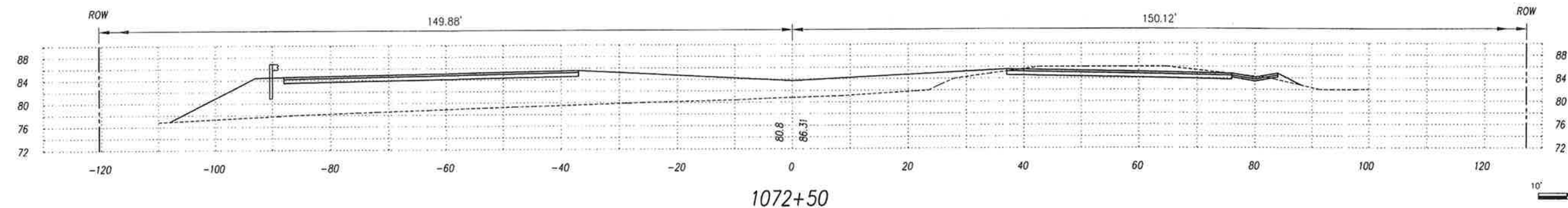
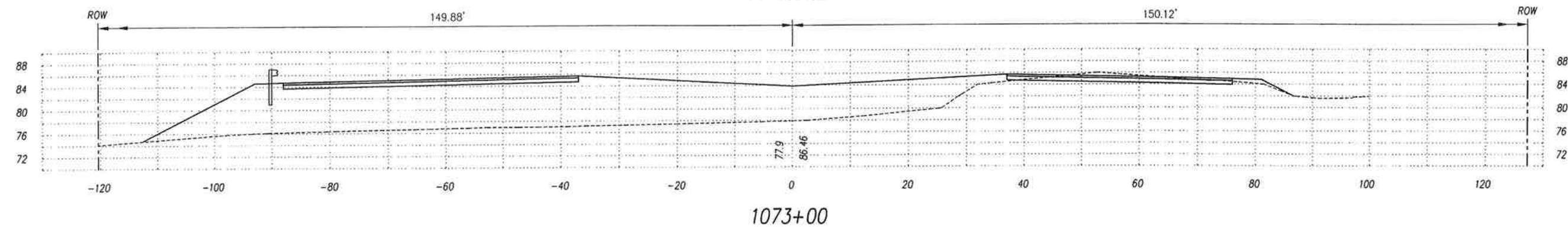
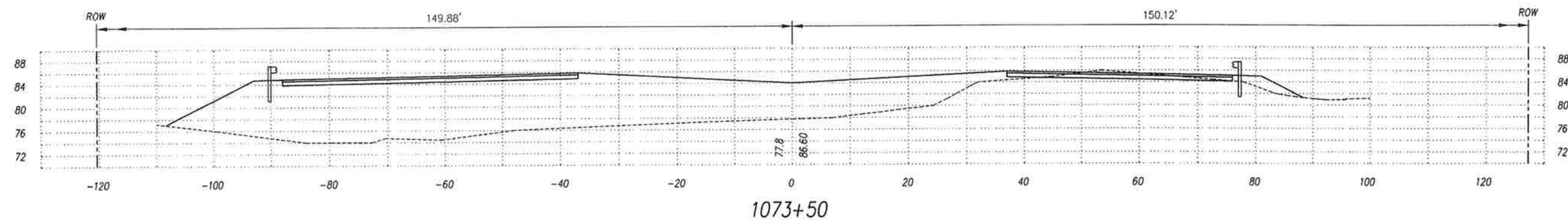
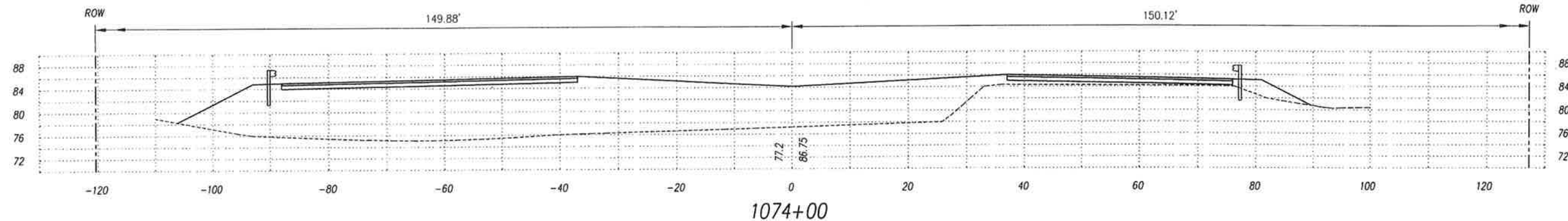
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

CROSS SECTIONS
 QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE I
 Federal Aid Project No. NH-019-1(20)
 Scale: 1" = 10' Date: November 2009
 SHEET No. 50 OF 73 SHEETS

AS-BUILT

200

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	201	315



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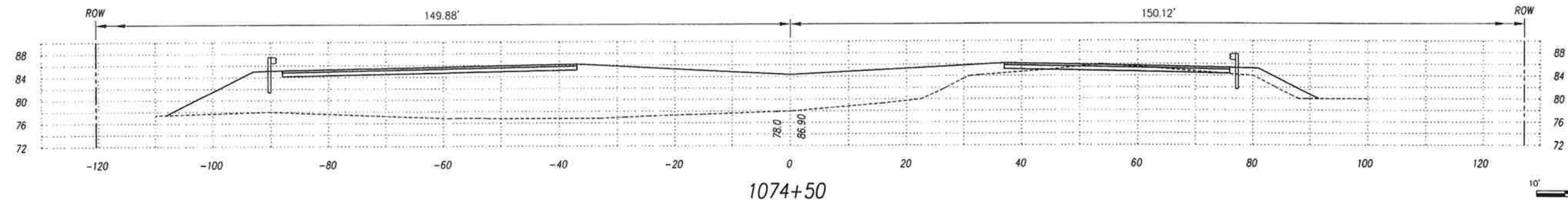
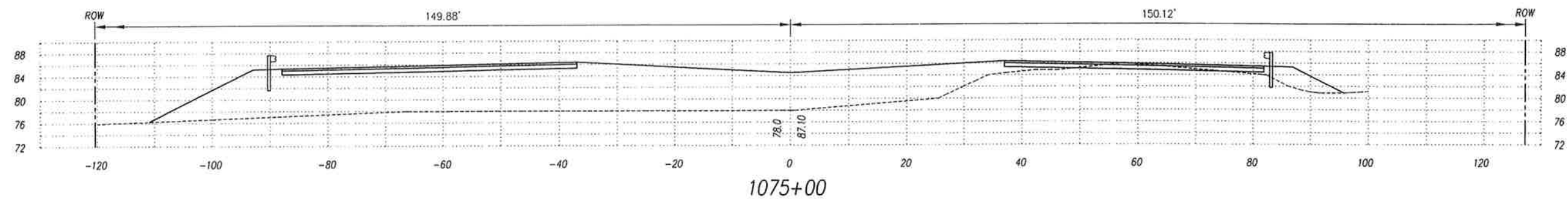
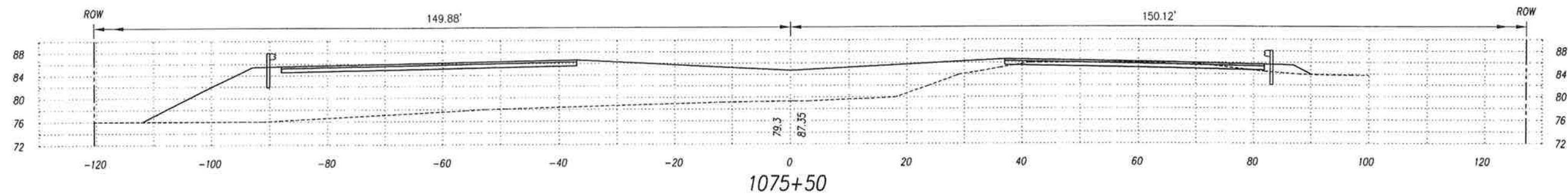
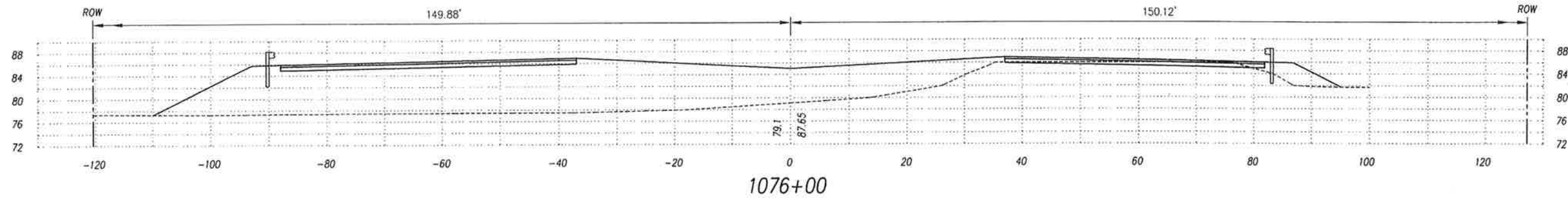
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
CROSS SECTIONS
QUEEN KAAHUMANU HIGHWAY WIDENING
HENRY ST. to KEALAKEHE PKWY - PHASE I
Federal Aid Project No. NH-019-1(20)
Scale: 1" = 10' Date: November 2009
SHEET No. 51 OF 73 SHEETS

AS-BUILT

201

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2009	202	315



GRAPHIC SCALE



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



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 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

CROSS SECTIONS

QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE I

Federal Aid Project No. NH-019-1(20)

Scale: 1" = 10'

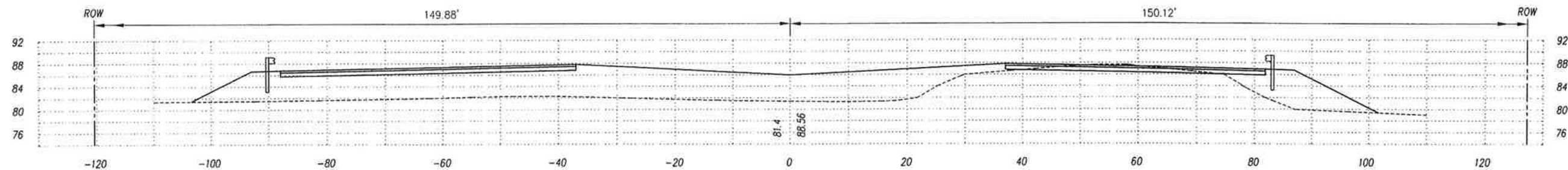
Date: November 2009

SHEET No. 52 OF 73 SHEETS

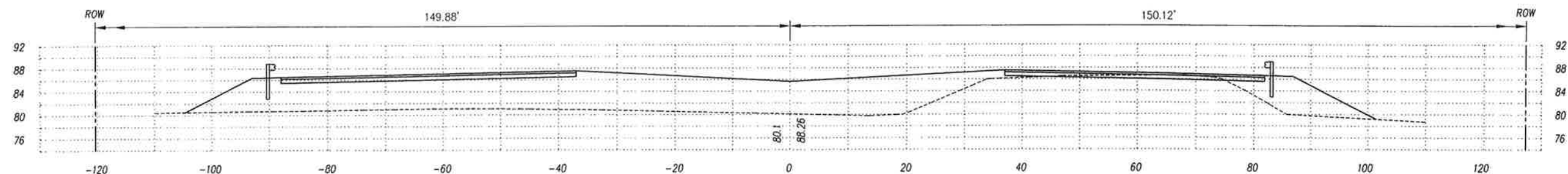
AS-BUILT

202

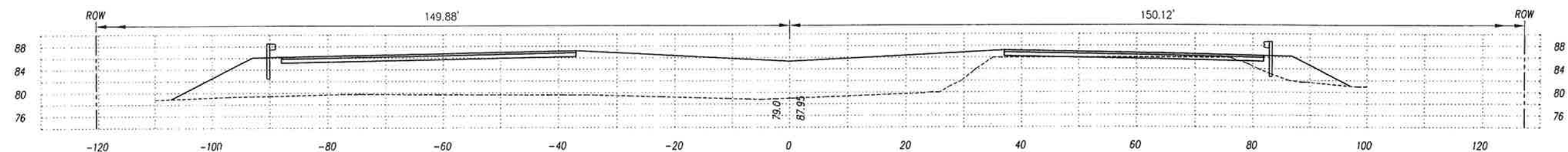
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	203	315



1077+50



1077+00



1076+50



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



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CROSS SECTIONS

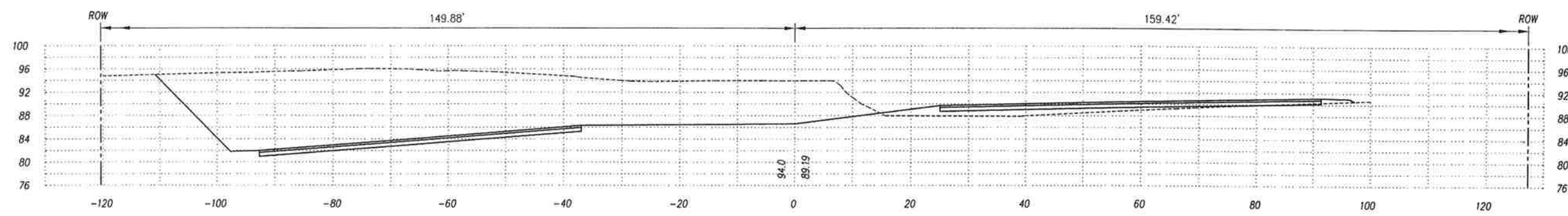
**QUEEN KAAHUMANU HIGHWAY WIDENING
HENRY ST. to KEALAKEHE PKWY - PHASE I**
Federal Aid Project No. NH-019-1(20)
Scale: 1" = 10' Date: November 2009

SHEET No. 53 OF 73 SHEETS

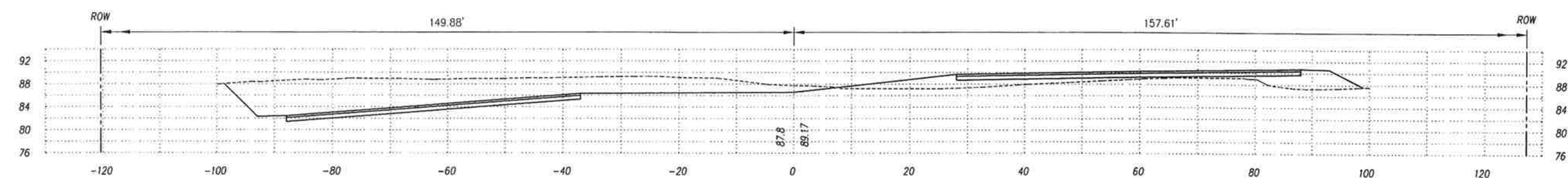
AS-BUILT

203

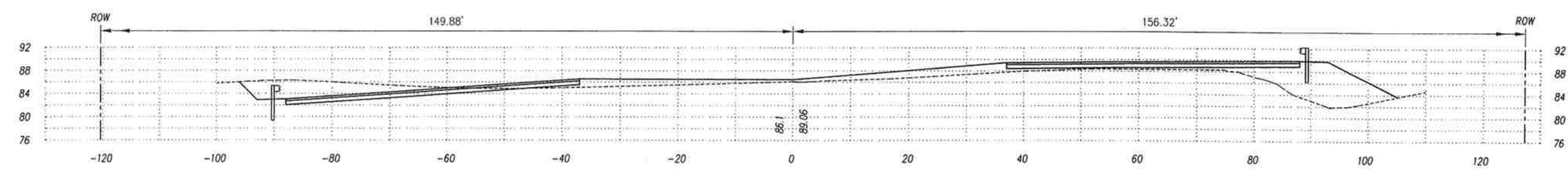
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	204	315



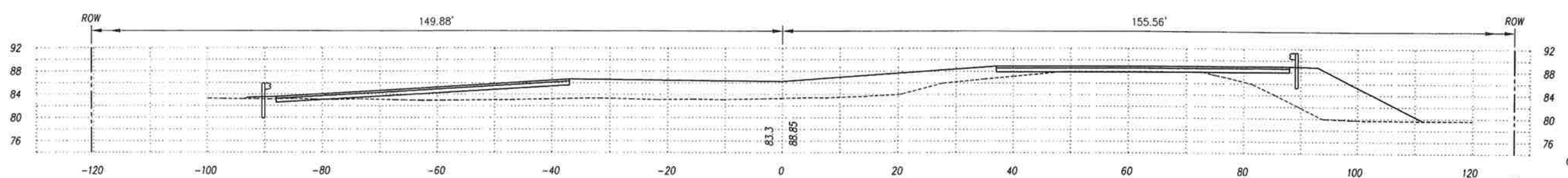
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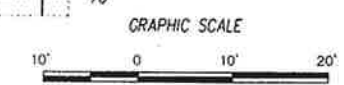
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1078+50



1078+00



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



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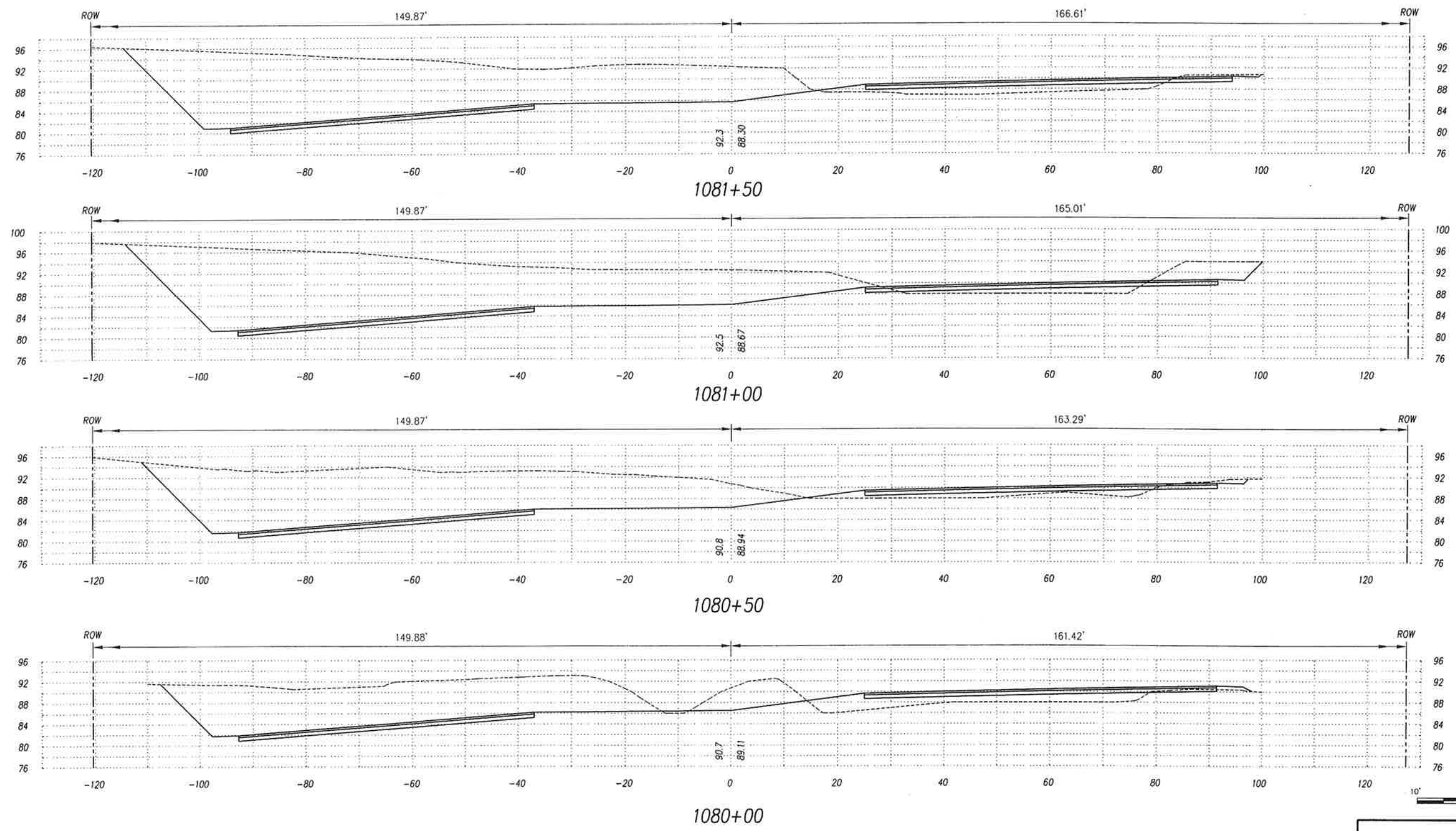
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

CROSS SECTIONS
 QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE I
 Federal Aid Project No. NH-019-1(20)
 Scale: 1" = 10' Date: November 2009
 SHEET No. 54 OF 73 SHEETS

AS-BUILT

204

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	205	315



ORIGINAL	SURVEY PLOTTED BY	DATE
PLAN	DESIGNED BY	2009
NOTE BOOK	DESIGNED BY	2009
QUANTITIES	CHECKED BY	2009
NO.		



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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

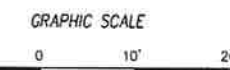
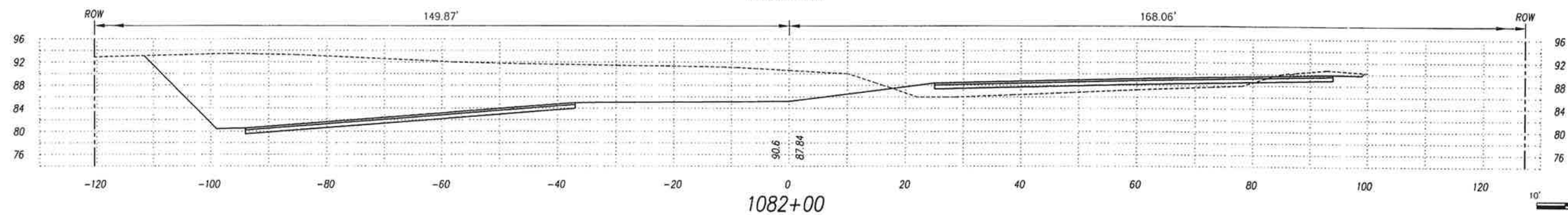
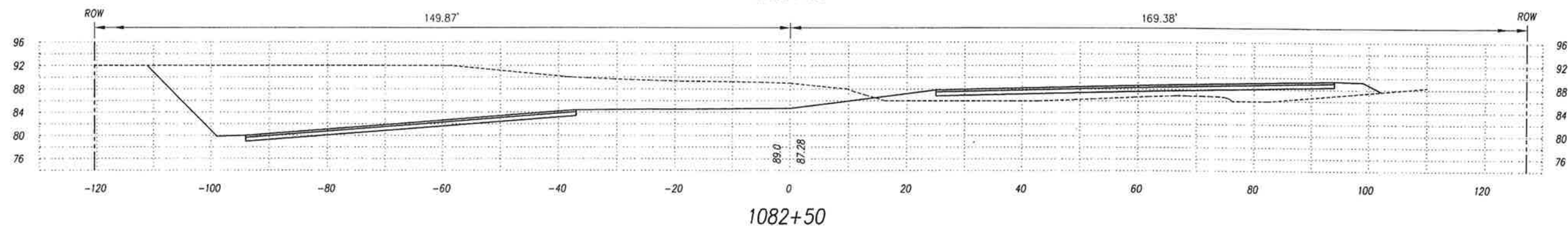
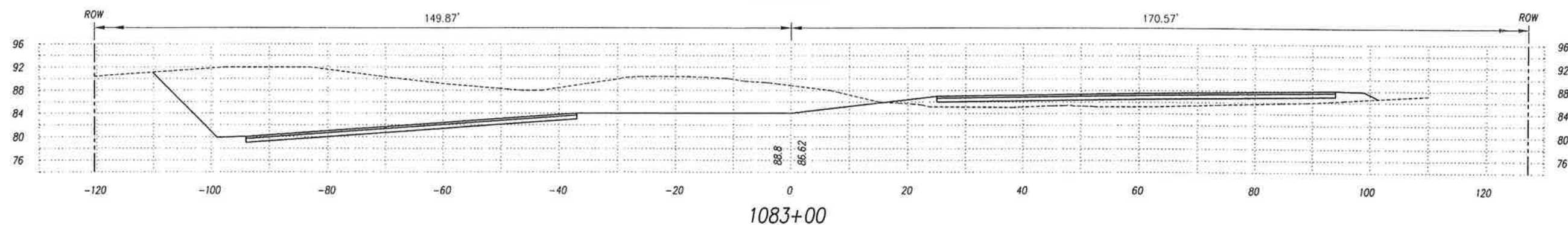
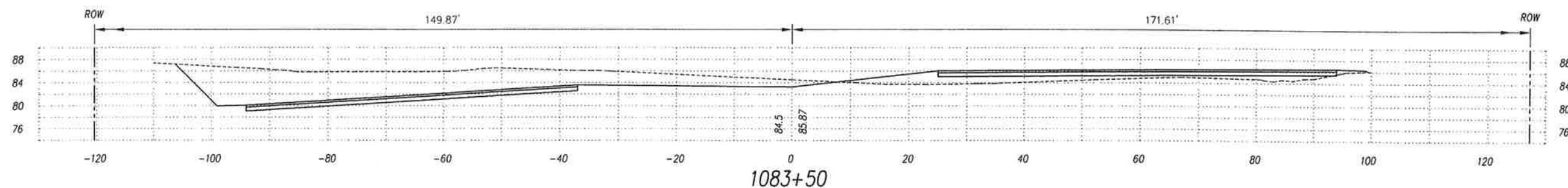
CROSS SECTIONS

QUEEN KAAHUMANU HIGHWAY WIDENING
HENRY ST. to KEALAKEHE PKWY - PHASE I
Federal Aid Project No. NH-019-1(20)
Scale: 1" = 10' Date: November 2009

SHEET No. 55 OF 73 SHEETS

AS-BUILT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	206	315



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



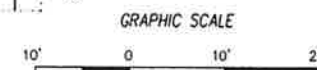
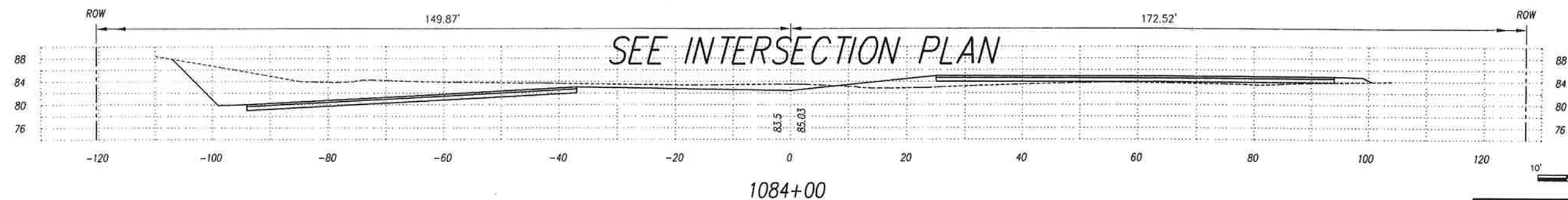
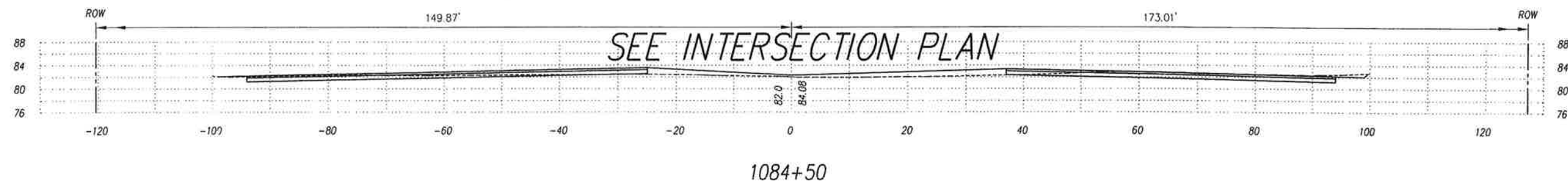
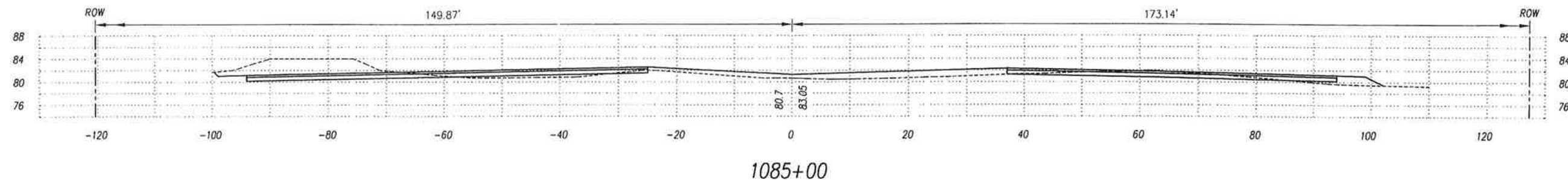
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STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
CROSS SECTIONS
QUEEN KAAHUMANU HIGHWAY WIDENING
HENRY ST. to KEALAKEHE PKWY - PHASE I
Federal Aid Project No. NH-019-1(20)
 Scale: 1" = 10' Date: November 2009
 SHEET No. 56 OF 73 SHEETS

AS-BUILT

206

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	207	315



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



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 Wesley R. Sugawo & Associates, Inc.

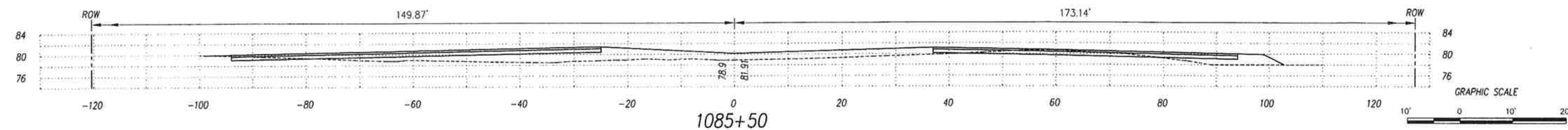
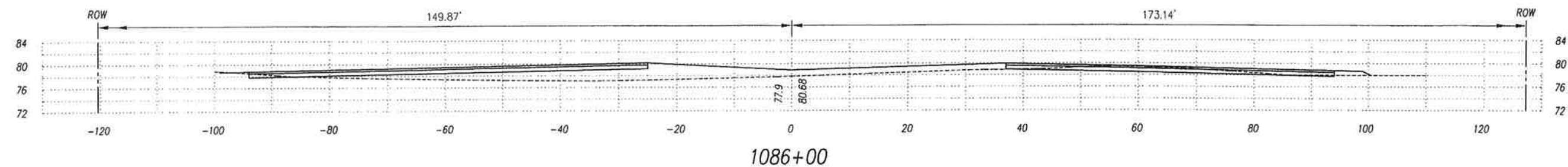
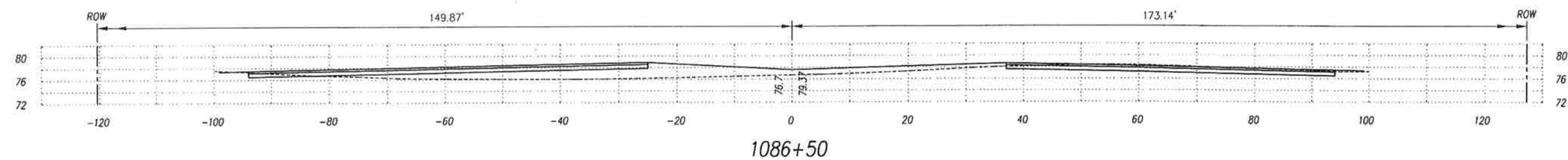
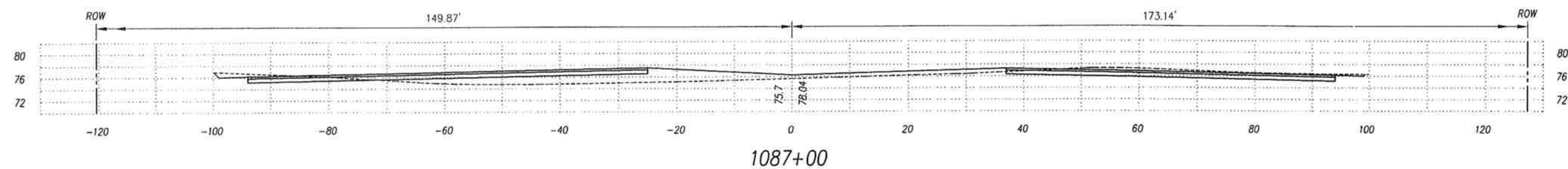
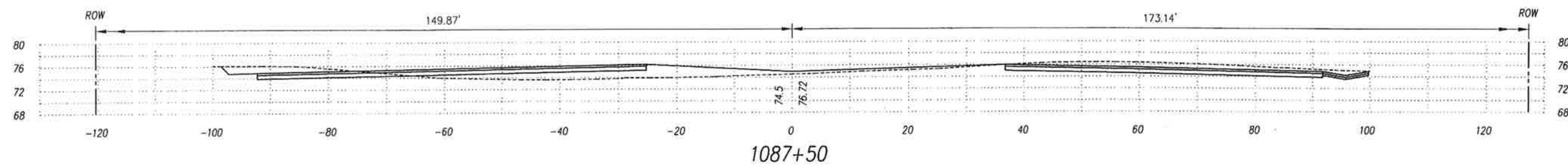
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

CROSS SECTIONS

 QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE I
 Federal Aid Project No. NH-019-1(20)
 Scale: 1" = 10' Date: November 2009
 SHEET No. 57 OF 73 SHEETS

AS-BUILT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	208	315



ORIGINAL SURVEY PLOTTED BY _____ DATE _____
DRAWN BY _____
DESIGNED BY _____
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No. _____



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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CROSS SECTIONS

**QUEEN KAAHUMANU HIGHWAY WIDENING
HENRY ST. to KEALAKEHE PKWY - PHASE I**

Federal Aid Project No. NH-019-1(20)

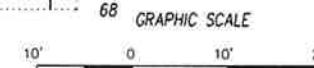
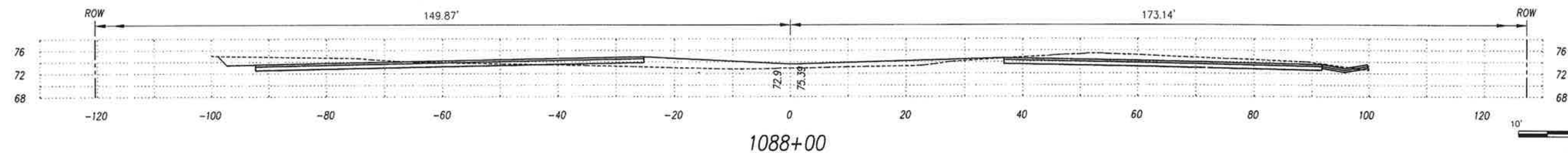
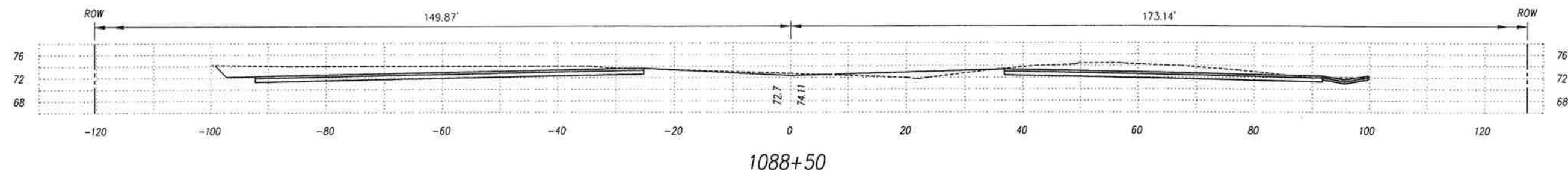
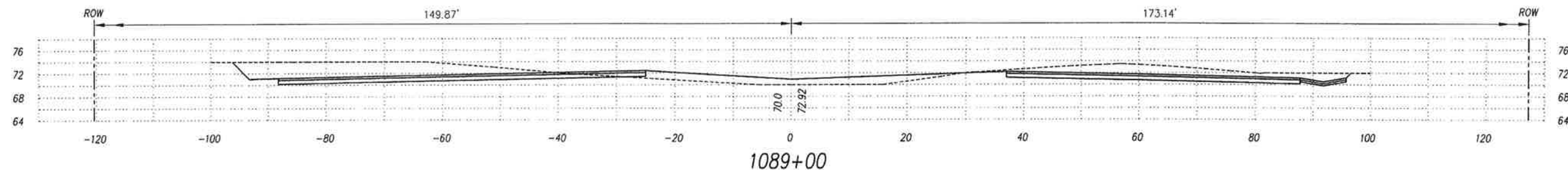
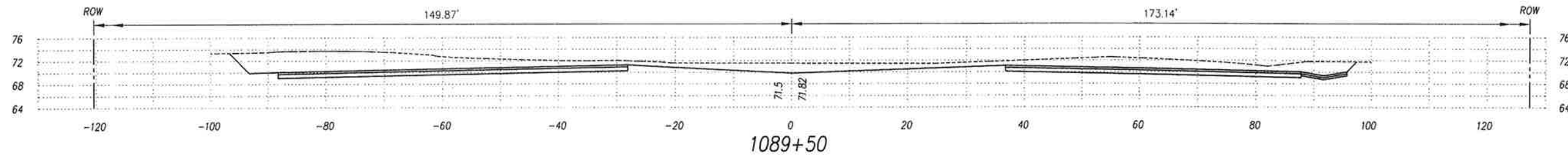
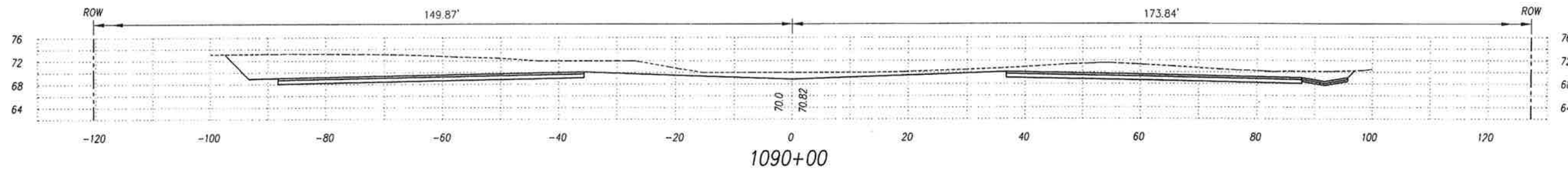
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SHEET No. 58 OF 73 SHEETS

AS-BUILT

208

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	209	315



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CROSS SECTIONS

QUEEN KAAHUMANU HIGHWAY WIDENING
HENRY ST. to KEALAKEHE PKWY - PHASE I
Federal Aid Project No. NH-019-1(20)

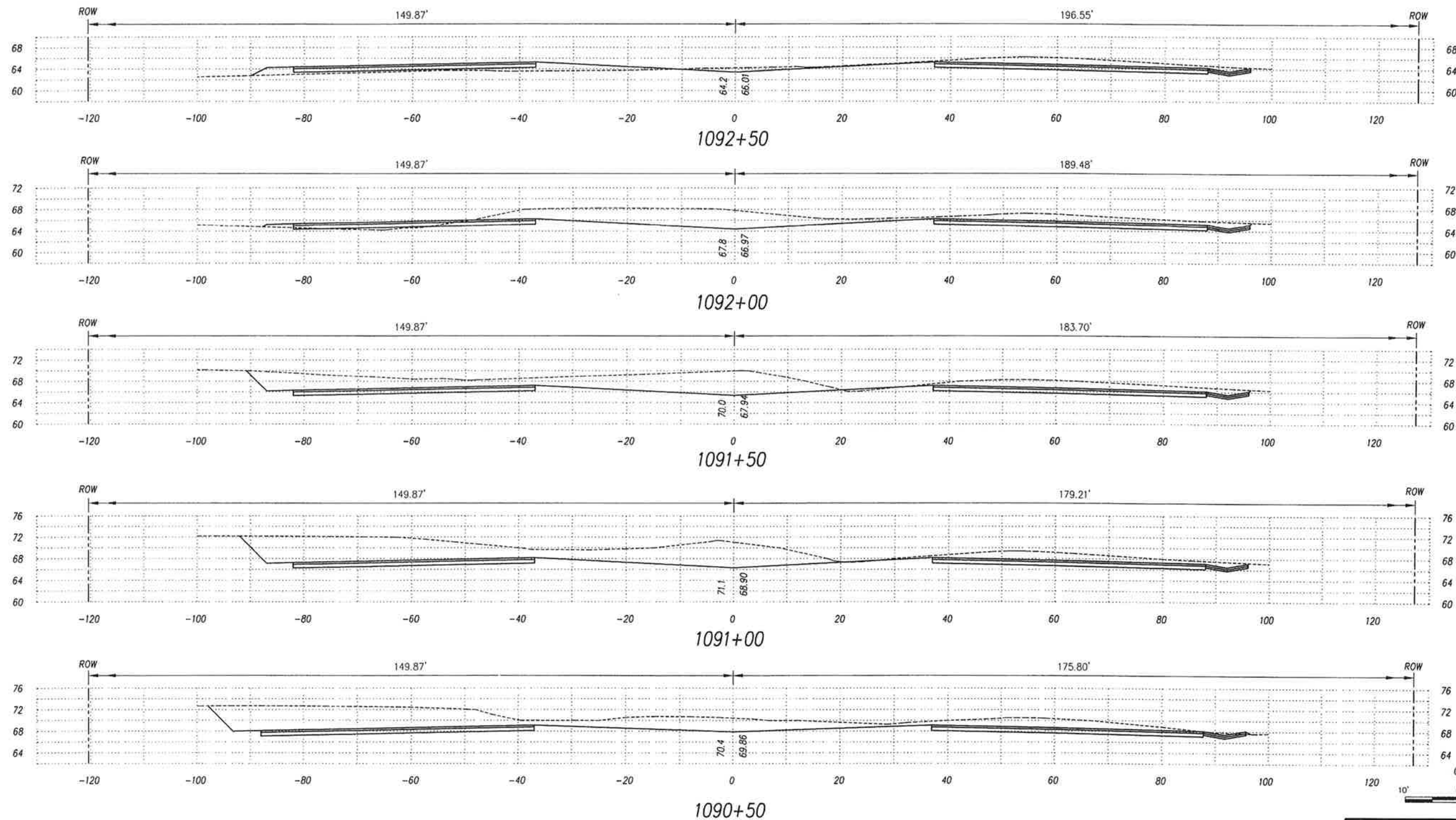
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SHEET No. 59 OF 73 SHEETS

AS-BUILT

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	210	315



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



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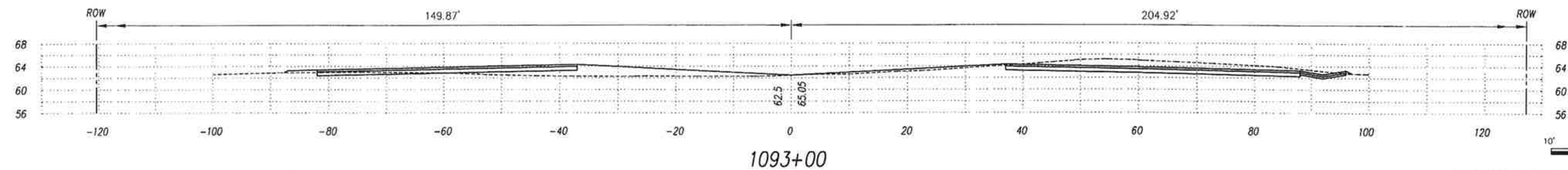
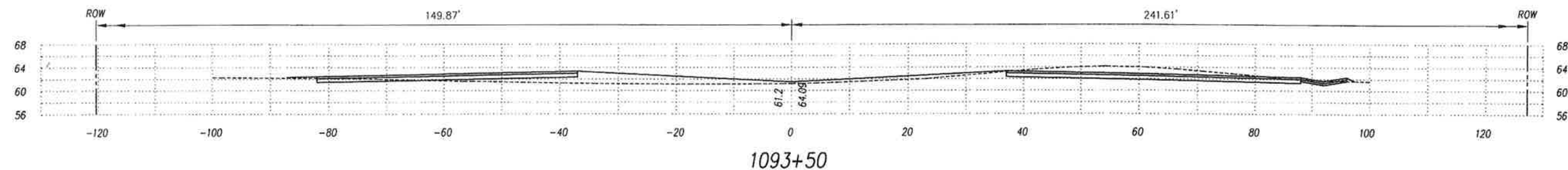
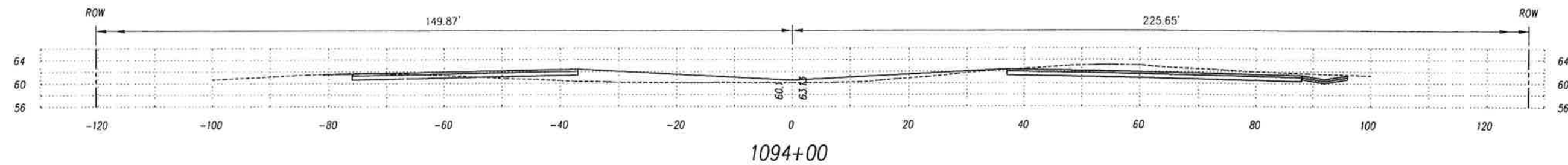
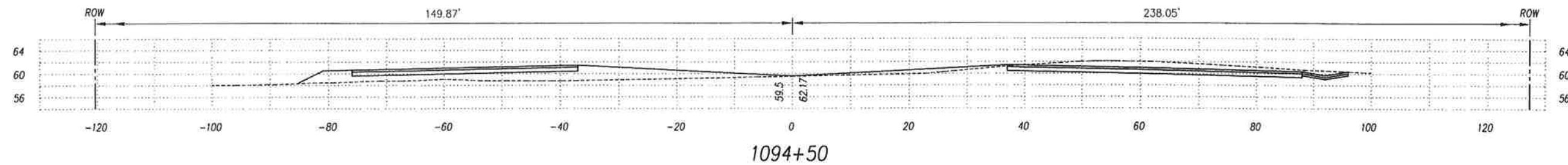
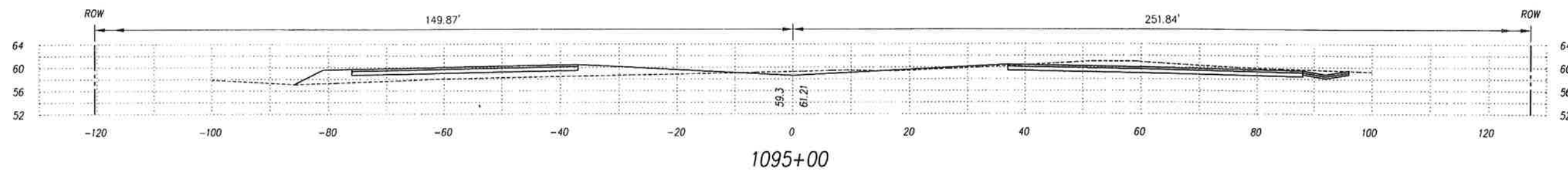
CROSS SECTIONS

QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE I
 Federal Aid Project No. NH-019-1(20)
 Scale: 1" = 10' Date: November 2009

SHEET No. 60 OF 73 SHEETS

AS-BUILT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	211	315



GRAPHIC SCALE

0 10' 20'



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HIGHWAYS DIVISION

CROSS SECTIONS

QUEEN KAAHUMANU HIGHWAY WIDENING
HENRY ST. to KEALAKEHE PKWY - PHASE I
Federal Aid Project No. NH-019-1(20)

Scale: 1" = 10' Date: November 2009

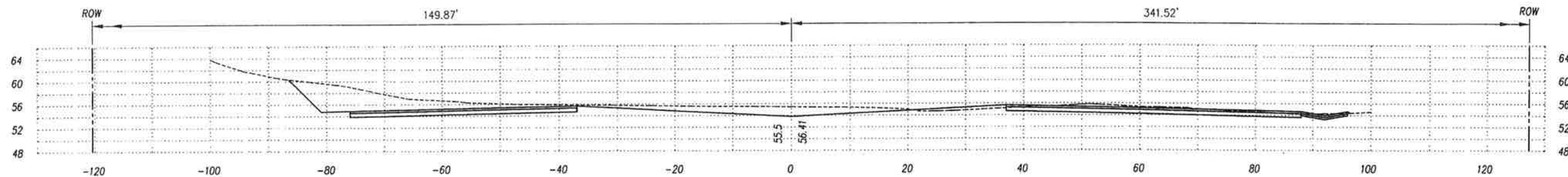
SHEET No. 61 OF 73 SHEETS

AS-BUILT

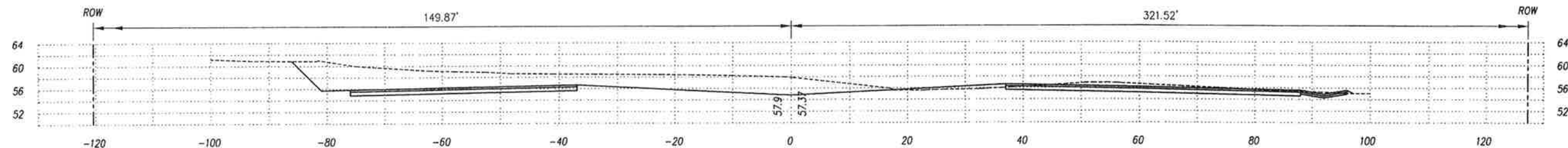
211

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

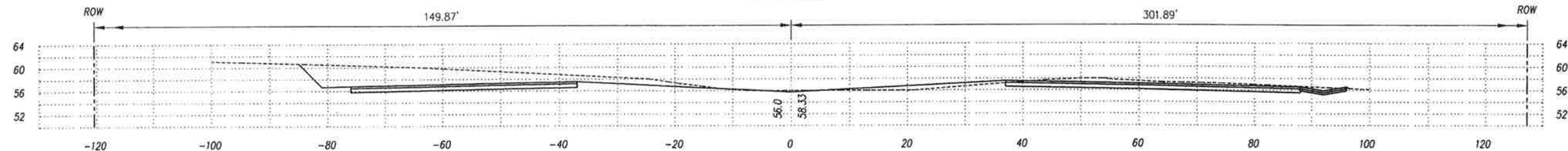
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	212	315



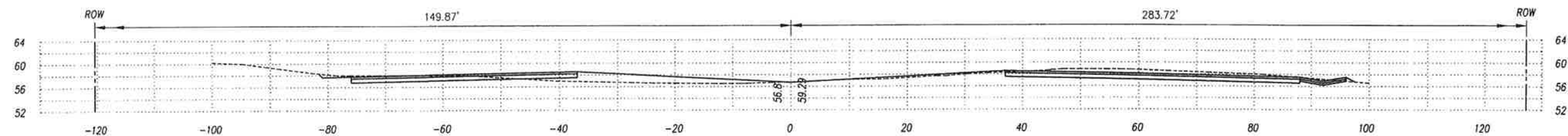
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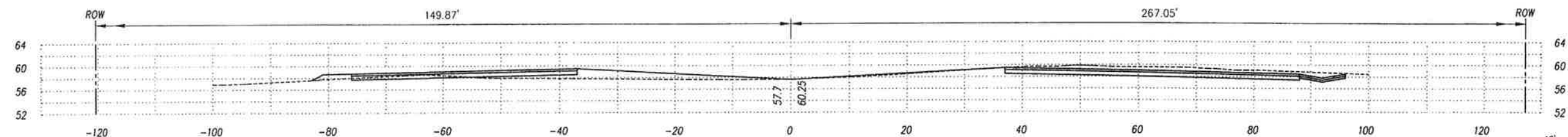
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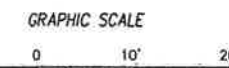
1096+50



1096+00



1095+50



ORIGINAL SURVEY PLOTTED BY _____ DATE _____
 PLAN DRAWN BY _____
 NOTE BOOK REVISIONS BY _____
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 HIGHWAYS DIVISION

CROSS SECTIONS

QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE I

Federal Aid Project No. NH-019-1(20)

Scale: 1" = 10'

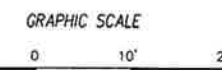
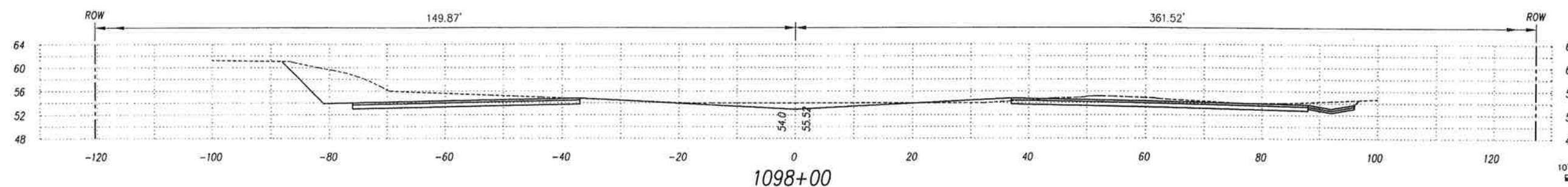
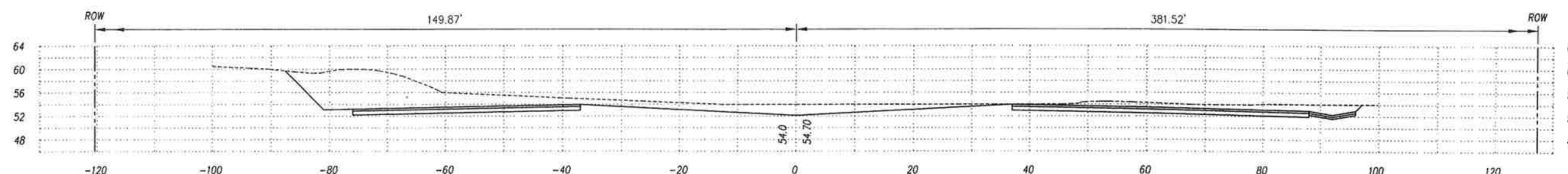
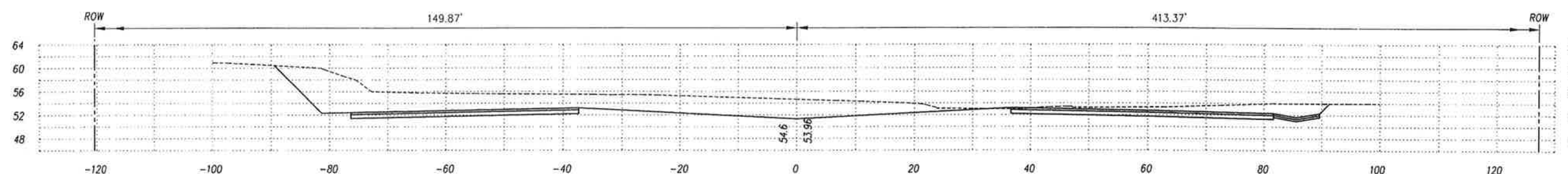
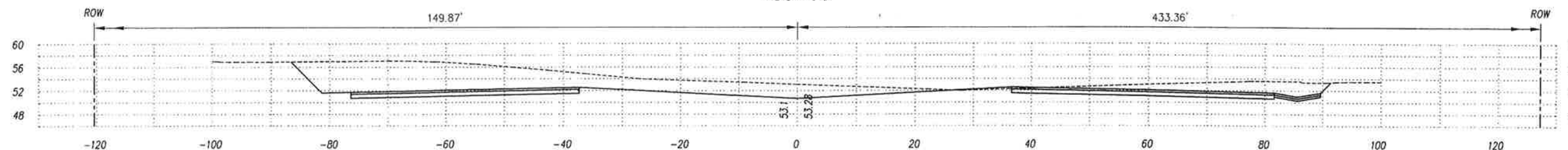
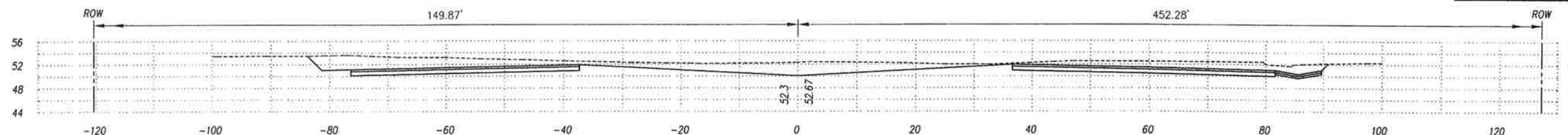
Date: November 2009

SHEET No. 62 OF 73 SHEETS

AS-BUILT

212

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	213	315



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



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 HIGHWAYS DIVISION

CROSS SECTIONS

QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE I

Federal Aid Project No. NH-019-1(20)

Scale: 1" = 10'

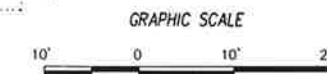
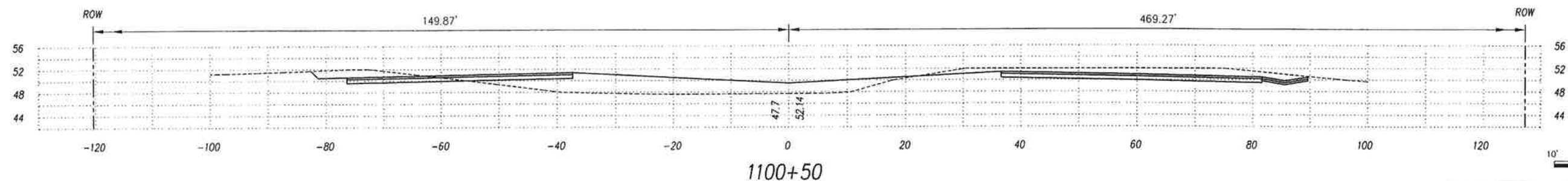
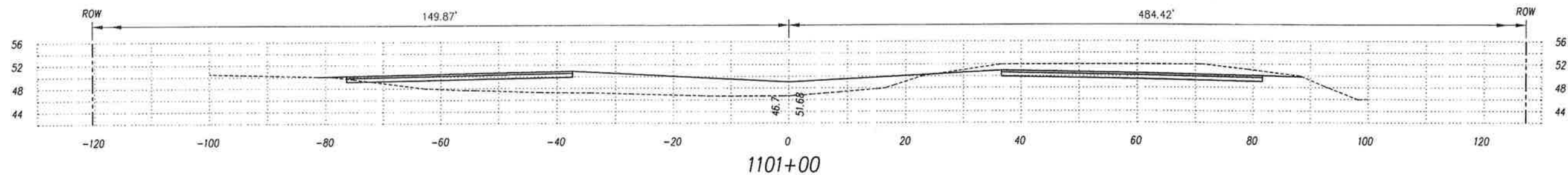
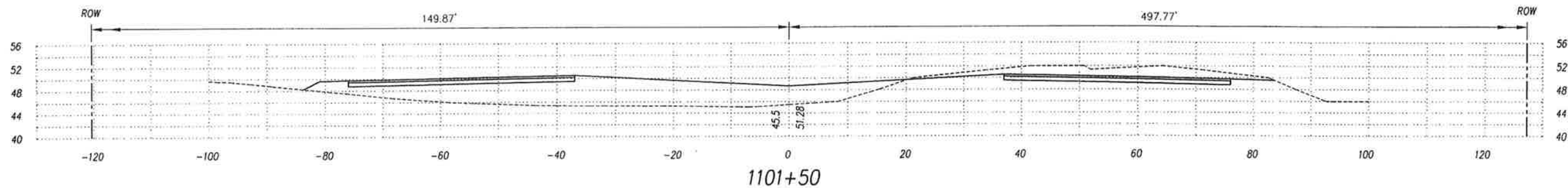
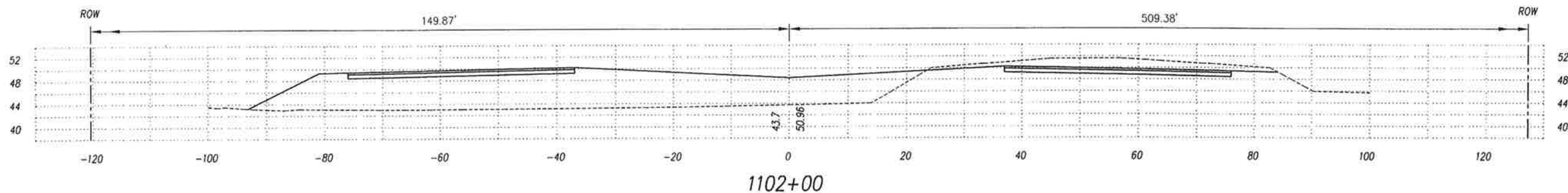
Date: November 2009

SHEET No. 63 OF 73 SHEETS

AS-BUILT

213

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	214	315



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



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CROSS SECTIONS

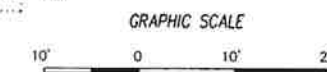
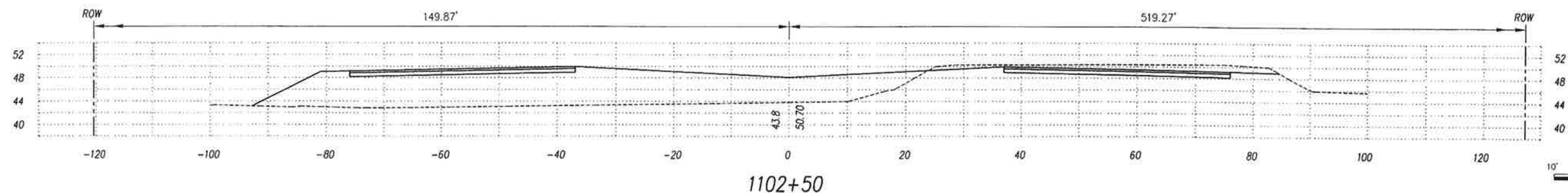
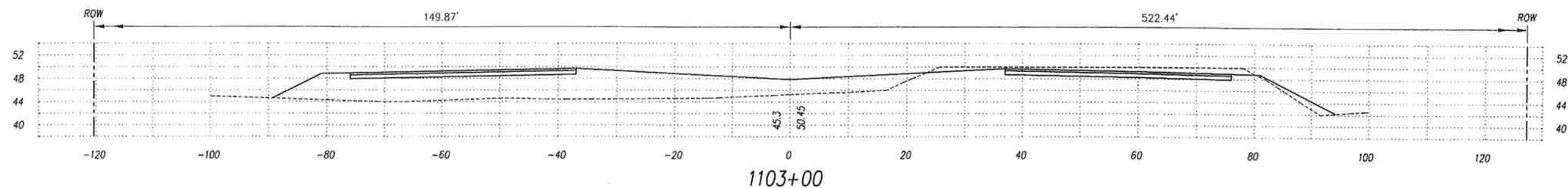
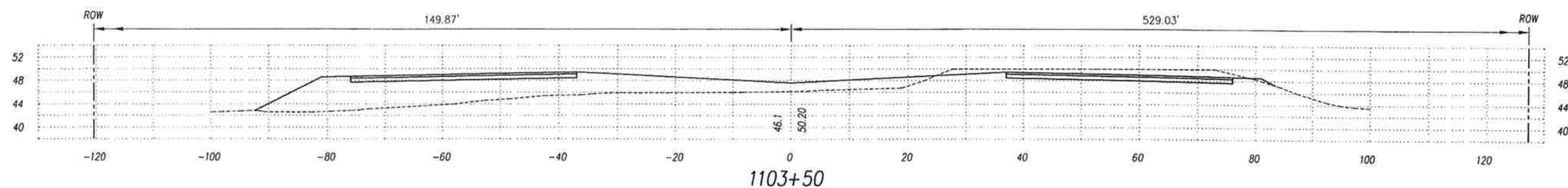
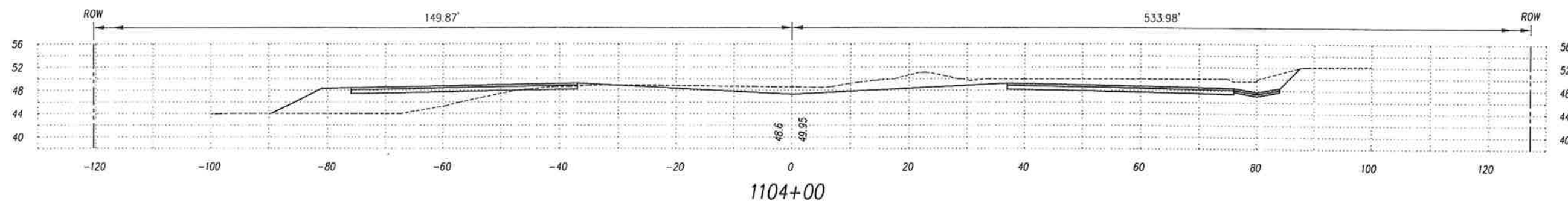
QUEEN KAAHUMANU HIGHWAY WIDENING
HENRY ST. to KEALAKEHE PKWY - PHASE I
Federal Aid Project No. NH-019-1(20)

Scale: 1" = 10' Date: November 2009

SHEET No. 64 OF 73 SHEETS

AS-BUILT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	215	316



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



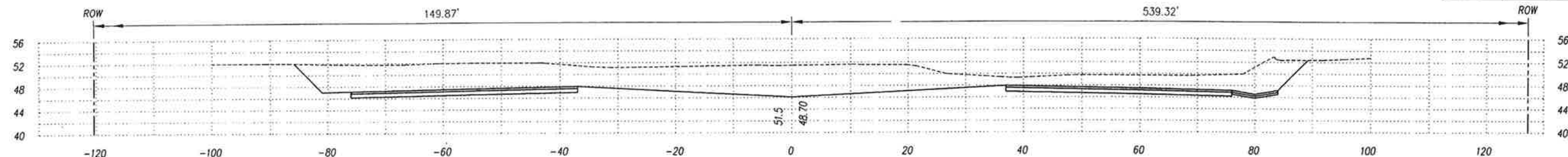
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STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
CROSS SECTIONS
 QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE I
 Federal Aid Project No. NH-019-1(20)
 Scale: 1" = 10' Date: November 2009
 SHEET No. 65 OF 73 SHEETS

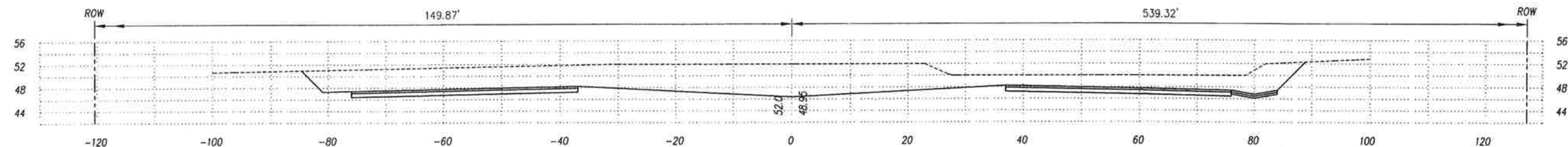
AS-BUILT

215

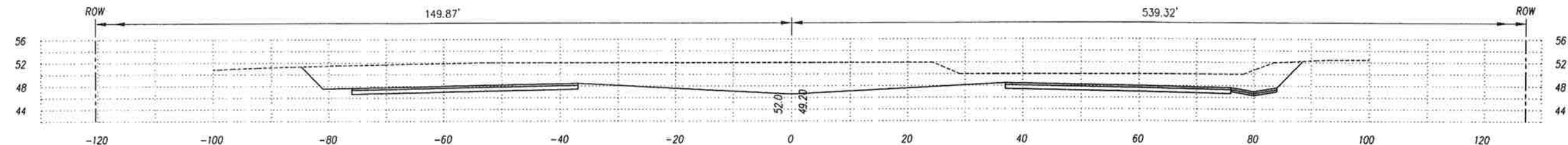
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	216	315



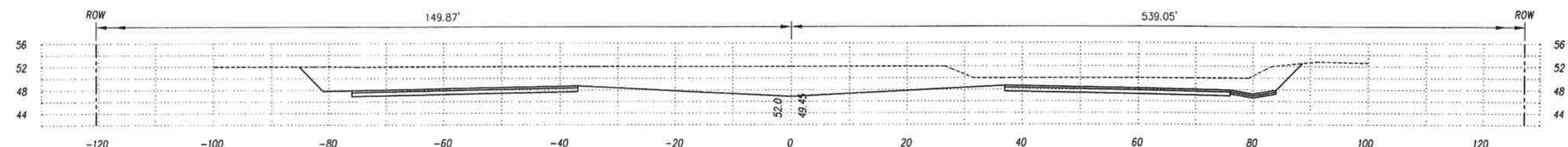
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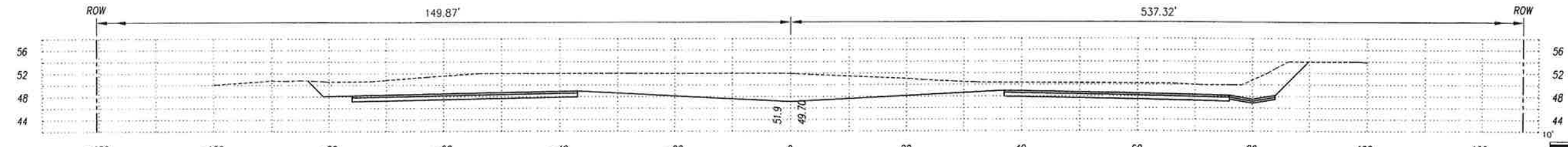
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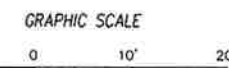
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1105+00



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



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 HIGHWAYS DIVISION

CROSS SECTIONS

QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE I

Federal Aid Project No. NH-019-1(20)

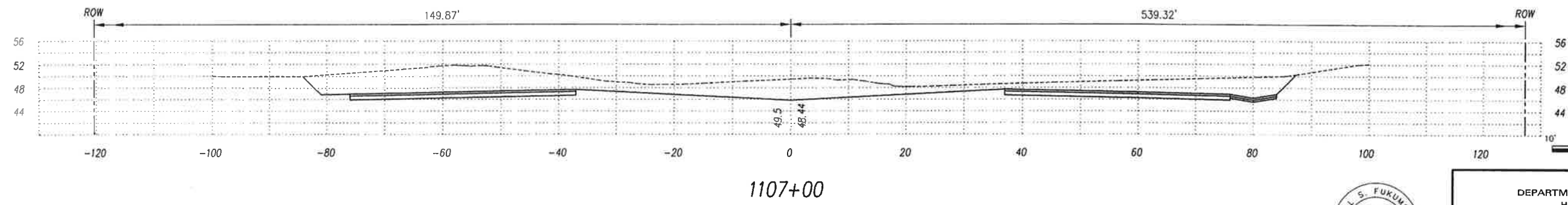
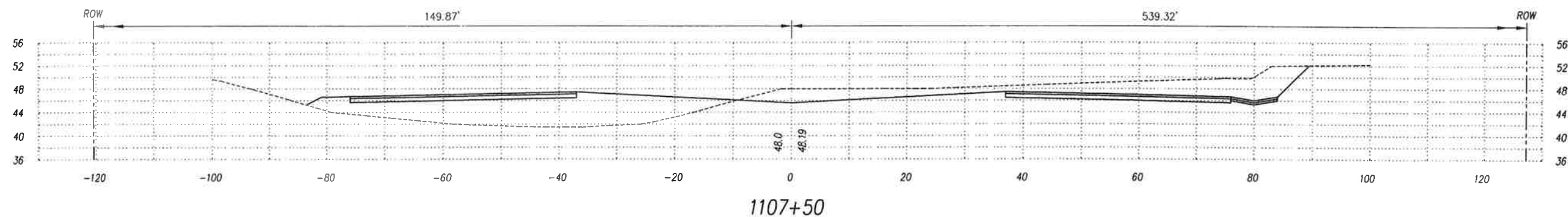
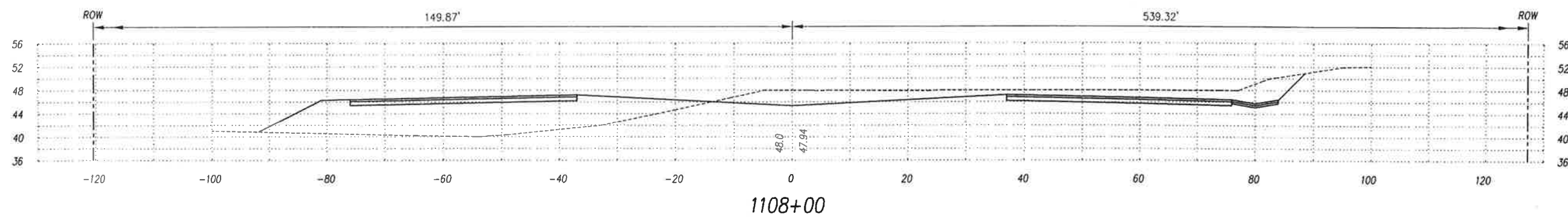
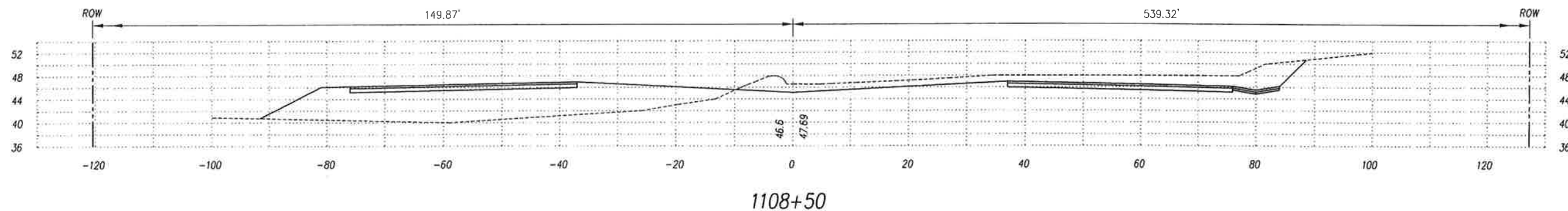
Scale: 1" = 10' Date: November 2009

SHEET No. 66 OF 73 SHEETS

AS-BUILT

216

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	217	315



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



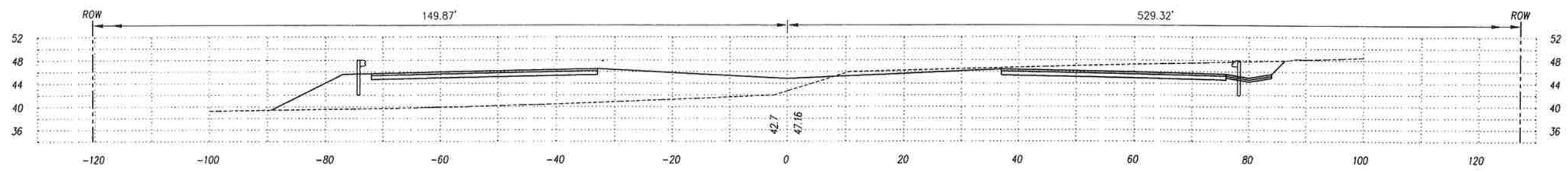
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 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

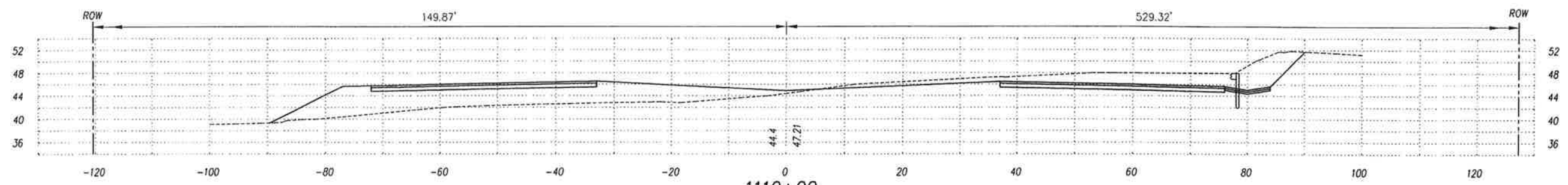
CROSS SECTIONS
 QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE I
 Federal Aid Project No. NH-019-1(20)
 Scale: 1" = 10' Date: November 2009
 SHEET No. 67 OF 73 SHEETS

AS-BUILT

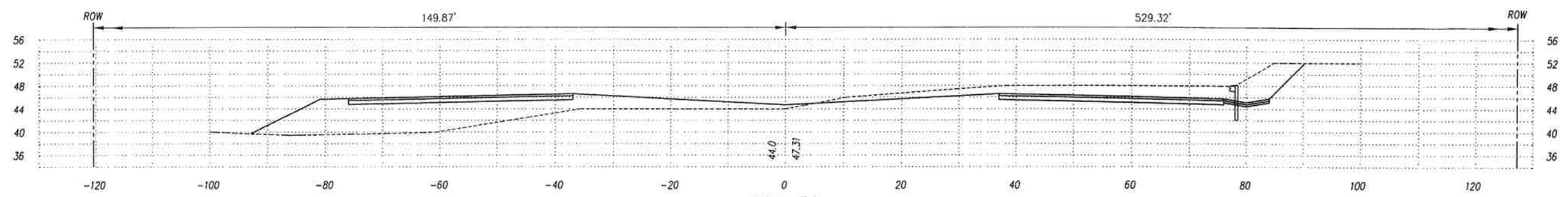
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	218	315



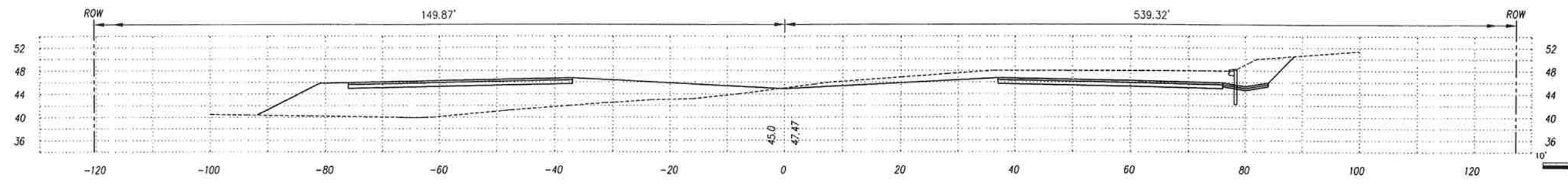
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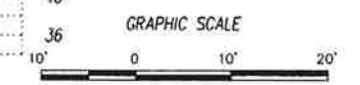
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1109+50



1109+00



ORIGINAL SURVEY PLOTTED BY _____ DATE _____
 DRAWN BY _____
 NOTE BOOK _____
 CHECKED BY _____
 No. _____



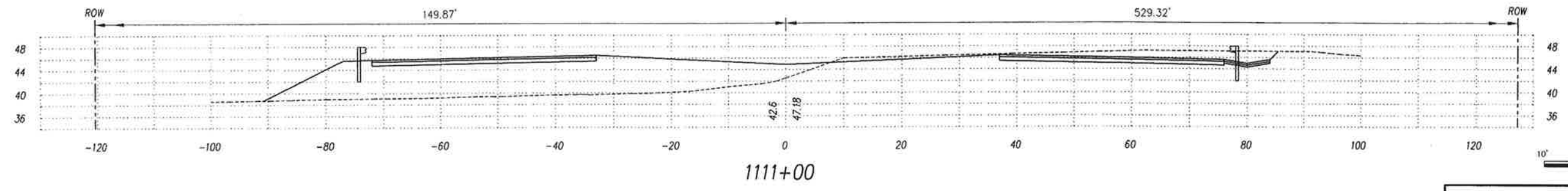
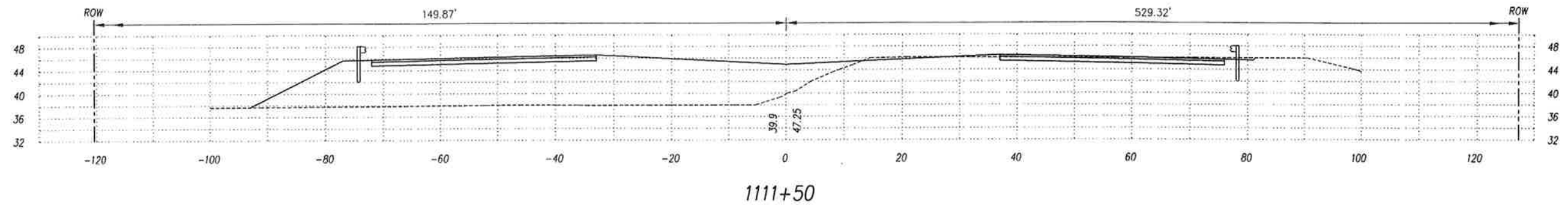
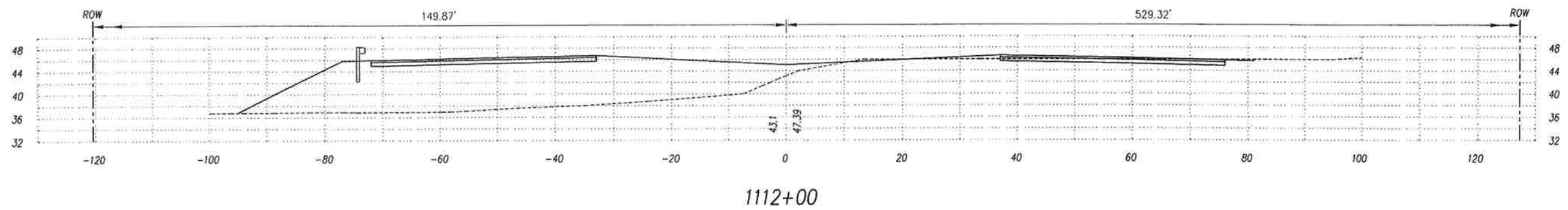
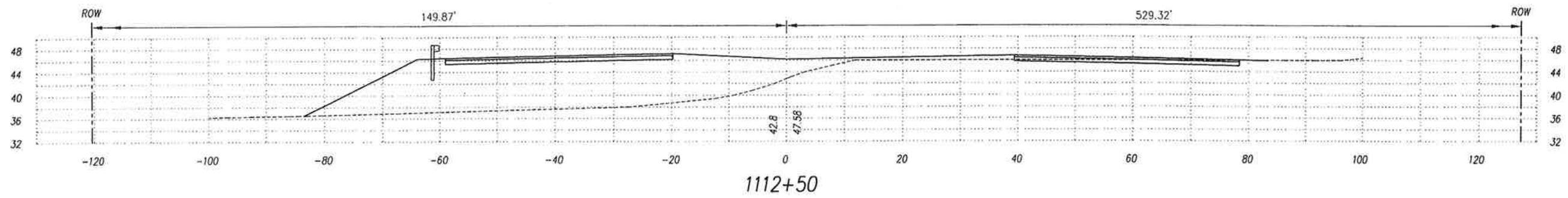
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Neal S. Fukunaga
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STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

CROSS SECTIONS
 QUEEN KAAHUMANU HIGHWAY WIDENING
 HENRY ST. to KEALAKEHE PKWY - PHASE I
 Federal Aid Project No. NH-019-1(20)
 Scale: 1" = 10' Date: November 2009
 SHEET No. 68 OF 73 SHEETS

AS-BUILT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	219	315



ORIGINAL SURVEY PLOTTED BY DATE
PLAN DRAWN BY
NOTE BOOK DESIGNED BY
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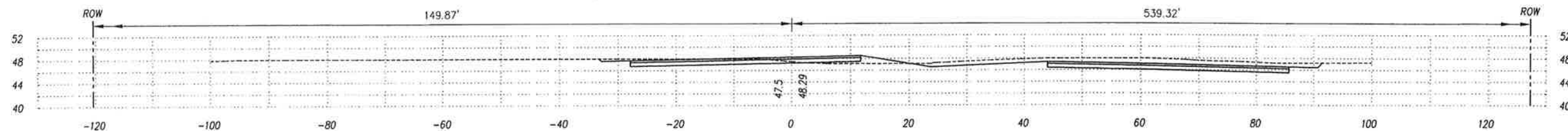
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CROSS SECTIONS

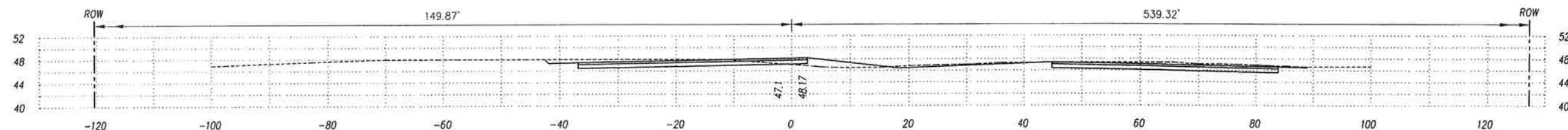
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HENRY ST. to KEALAKEHE PKWY - PHASE I
Federal Aid Project No. NH-019-1(20)
Scale: 1" = 10' Date: November 2009
SHEET No. 69 OF 73 SHEETS

AS-BUILT

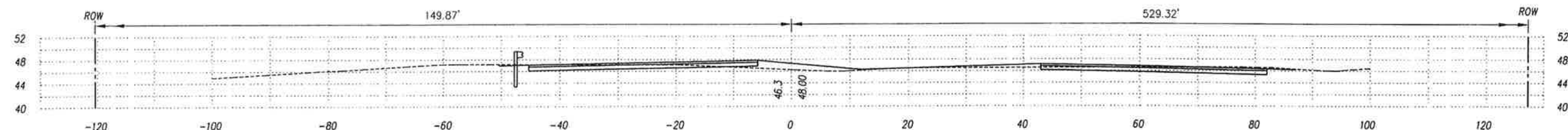
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HAWAII	HAW.	NH-019-1(20)	2005	220	315



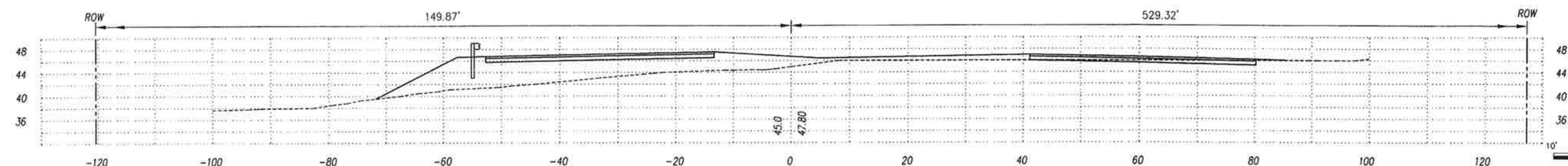
1114+50



1114+00



1113+50



1113+00

GRAPHIC SCALE



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CROSS SECTIONS

QUEEN KAAHUMANU HIGHWAY WIDENING
HENRY ST. to KEALAKEHE PKWY - PHASE I

Federal Aid Project No. NH-019-1(20)

Scale: 1" = 10'

Date: November 2009

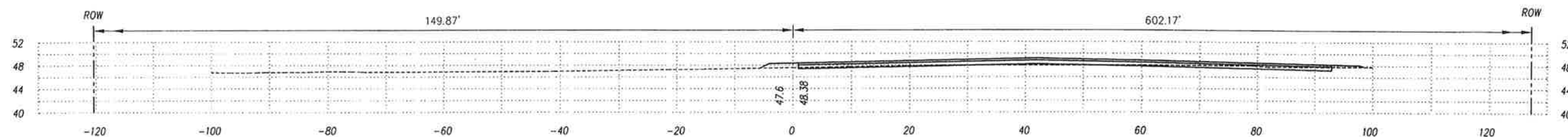
SHEET No. 70 OF 73 SHEETS

AS-BUILT

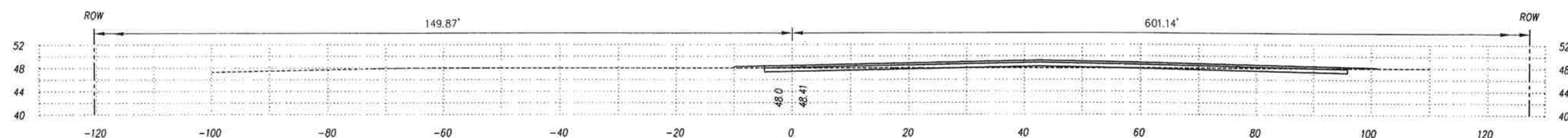
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PLAN DRAWN BY
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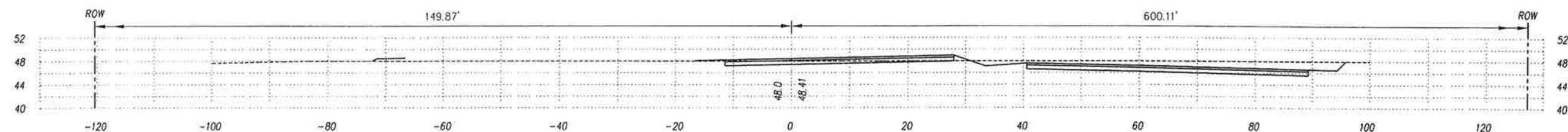
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	221	315



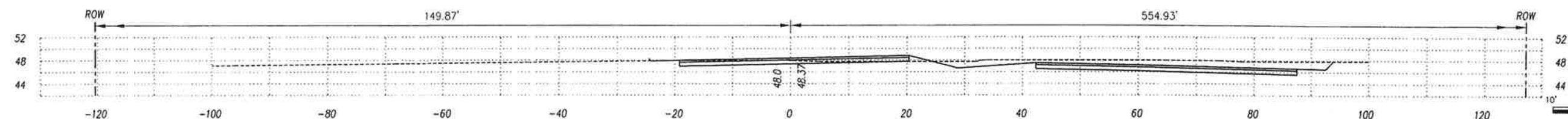
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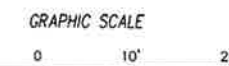
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1115+00



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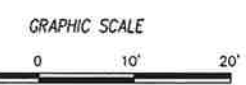
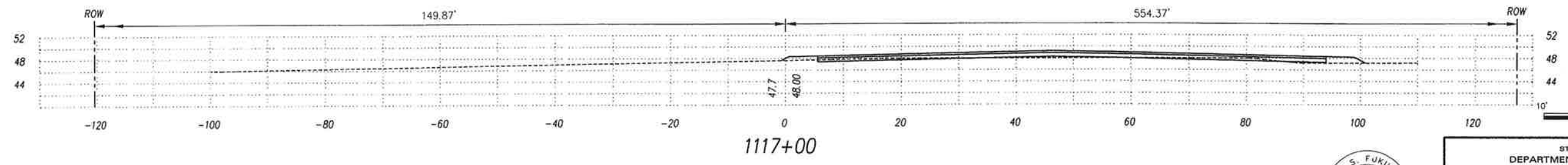
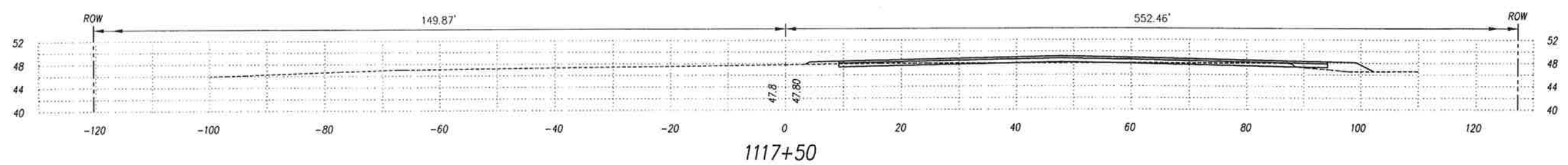
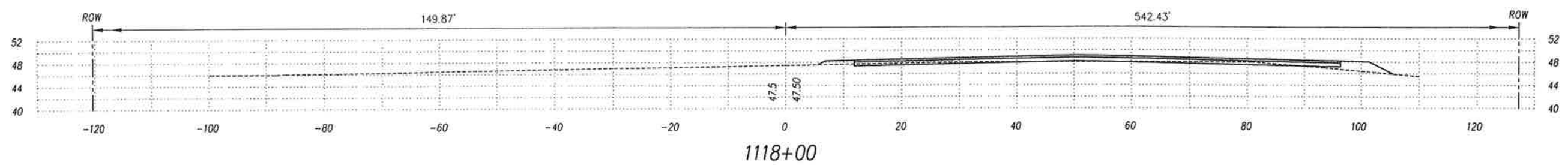
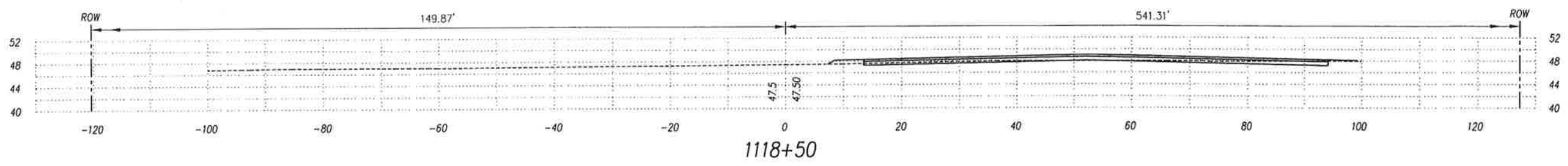
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
CROSS SECTIONS
QUEEN KAAHUMANU HIGHWAY WIDENING
HENRY ST. to KEALAKEHE PKWY - PHASE I
Federal Aid Project No. NH-019-1(20)
Scale: 1" = 10' Date: November 2009
SHEET No. 71 OF 73 SHEETS

AS-BUILT

221

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	222	315



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



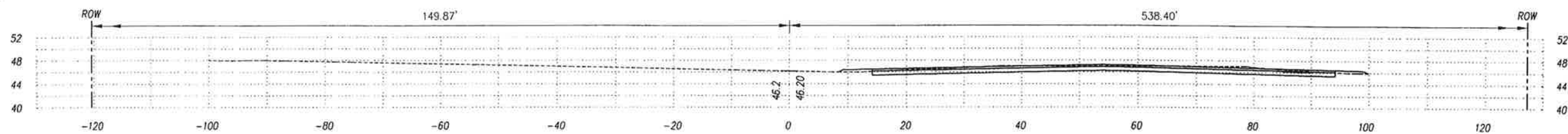
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 HIGHWAYS DIVISION

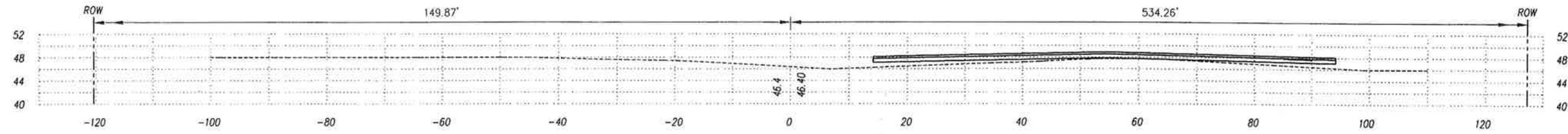
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 Scale: 1" = 10' Date: November 2009
 SHEET No. 72 OF 73 SHEETS

AS-BUILT

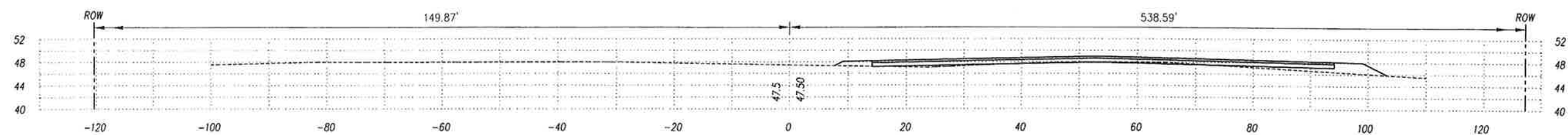
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-1(20)	2005	223	315



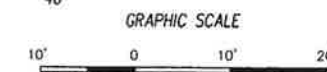
1120+00



1119+50



1119+00



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Federal Aid Project No. NH-019-1(20)
Scale: 1" = 10' Date: November 2009
SHEET No. 73 OF 73 SHEETS

AS-BUILT