APPENDIX B: EXAMPLE PLATES FROM PHYSICAL MODEL

762794

688975

738188

713581

114

113

112

111

110

109

108

107

106

105

104

103

Remove Dike 111.80L

Remove Dike 111.40L

Remove Dike 111.10L

Legend

- Alternative
- River_Mile_Marker
- Dike_Centerline
- Weir_line
- Area of Interest

Elevation - ft (LWRP)

- 20 - 10
- 10 - 5
- 5 - 0
- 0 - -5
- -5 - -10
- -10 - -15
- -15 - -20
- -20 - -30
- -30 - -40
- -40 - -50

Replication

Alternative 1C

PLATE NUMBER
ALT 1C

0 375 750 1,500
Feet

Alternative 1C

2015 AERIAL PHOTOGRAGHY

U.S. ARMY ENGINEER DIVISION
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

Mississippi River Basin
St. Louis District
UMR 114-103
HSR Model

DESIGNED BY: J. Brown, P.E.
DRAWN BY: C. Tabbert
REVIEWED BY: B. Krischel, P.E.
CHECKED BY: D. Gordon, P.E.
SUBMITTED: C. Tabbert
APPROVED: Dave Gordon, P.E.
FILE NAME: L:/HSR Modeling/HSR Model Studies/UMR 114-103

N W E S

Applied River Engineering Center

US Army Corps of Engineers
St. Louis District

Legend

- Alternative
- River_Mile_Marker
- Dike_Centerline
- Weir_line
- Area of Interest

Elevation - ft (LWRP)

- 20 - 10
- 10 - 5
- 5 - 0
- 0 - -5
- -5 - -10
- -10 - -15
- -15 - -20
- -20 - -30
- -30 - -40
- -40 - -50

Dike 114.35R
Dike 114.10R
Dike 113.90R
Dike 113.60R
Dike 113.40R
Dike 113.20R
Dike 113.10R
Dike 112.90R
Dike 112.80R
Dike 112.70R
Dike 112.20L
Dike 111.80L
Dike 111.45R
Dike 111.35R
Dike 111.30R
Dike 111.10R
Dike 111.00R
Dike 110.90R
Dike 110.50R
Dike 110.40R
Dike 110.20R
Dike 111.40L
Dike 111.10L
Dike 115.00L
Dike 114.70L
Dike 114.40L
Dike 114.00L
Dike 113.90L
Dike 113.50L
Dike 113.20L
Dike 112.80L
Dike 112.50L
Remove Dike 111.80L
Remove Dike 111.40L
Remove Dike 111.10L
Chester
Horse Island
115
114
113
112
111
110

Replication

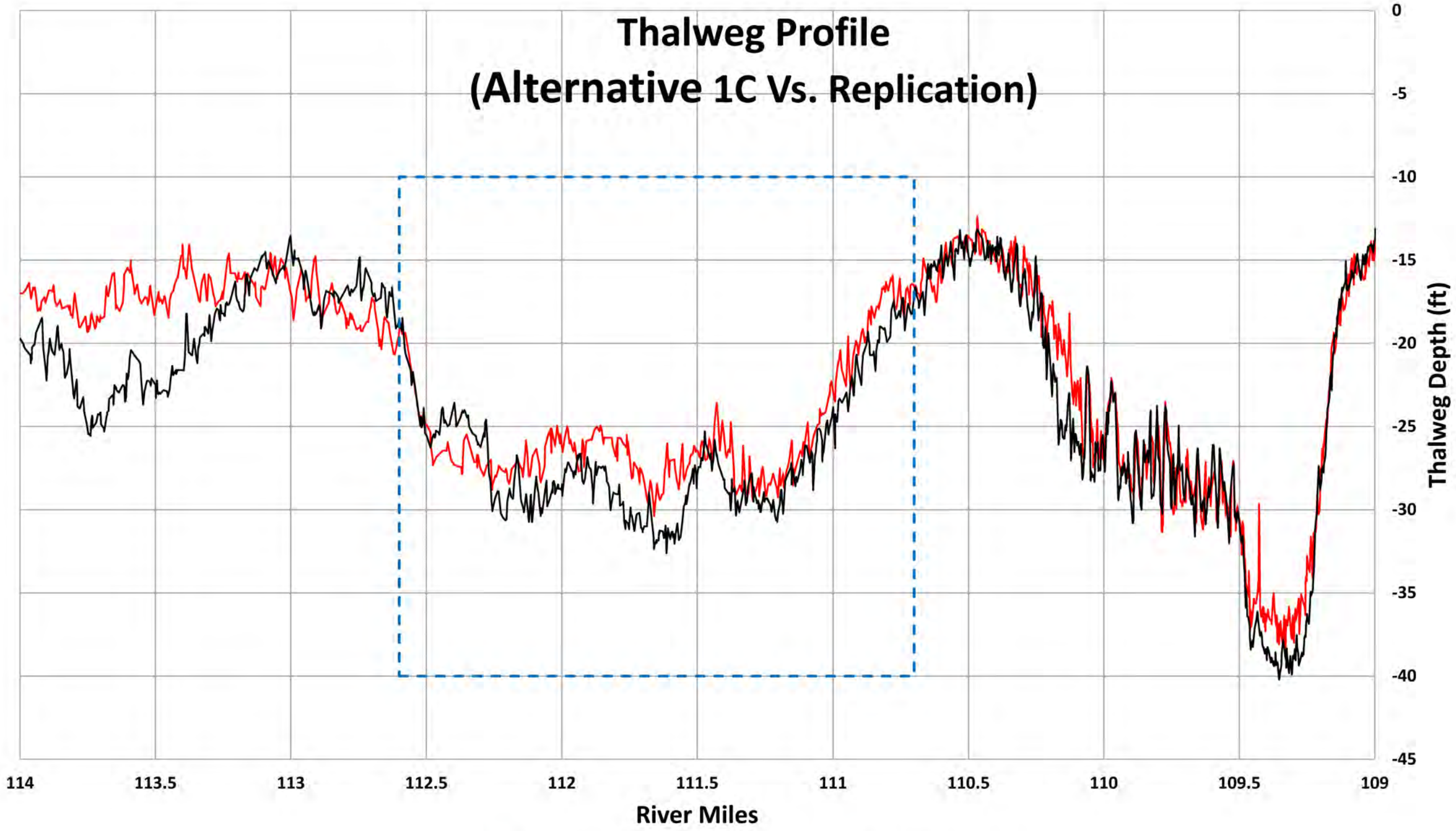
Alternative 1C

PLATE NUMBER	ALT 1C
0 750 1,500 3,000 Feet	
Alternative 1C 2015 AERIAL PHOTOGRAGHY	
U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	
Mississippi River Basin St. Louis District UMR 114-103 HSR Model	
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US Army Corps of Engineers
St. Louis District®

Thalweg Profile
(Alternative 1C Vs. Replication)



US Army Corps of Engineers
St. Louis District®

APPLIED RIVER ENGINEERING CENTER

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U.S. ARMY ENGINEER DIVISION
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Mississippi River Basin
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UMR 114-103
HSR Model

Alternative 1C
Thalweg Profile

2015 AERIAL PHOTOGRAGHY

PLATE NUMBER

ALT 1C

765000

682500

757500

690000

757500

682500

Dike 112.90R

Dike 112.80R

Dike 112.70R

Dike 112.50L

Dike 112.20L

Dike 111.80L

Remove Dike 111.80L

Dike 111.40L

Remove Dike 111.40L

Remove Dike 111.10L

Dike 111.10L

Dike 111.45R

Dike 111.35R

Dike 111.30R

113

112

111

Legend

- Alternative
- River_Mile_Marker
- Dike_Centerline
- Weir_line
- Area of Interest

-10 (FT) LWRP Contours

- Replication
- Alternative

PLATE NUMBER
ALT 1C

0 750 1,500 3,000
Feet

Alternative 1C

2015 AERIAL PHOTOGRAGHY

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US Army Corps of Engineers
St. Louis District

765000

682500

757500

690000

000069

Dike 112.90R

Dike 112.80R

Dike 112.70R

Dike 112.50L

Dike 112.20L

Dike 111.80L

Remove Dike 111.80L

Dike 111.40L

Remove Dike 111.40L

Remove Dike 111.10L

Dike 111.45R

Dike 111.35R

Dike 111.30R

Dike 111.10L

113

112

111

0.50R

Legend

- Alternative
- River_Mile_Marker
- Dike_Centerline
- Weir_line
- Area of Interest

-15 (FT) LWRP Contours

- Replication
- Alternative

PLATE NUMBER
ALT 1C

0 750 1,500 3,000
Feet

Alternative 1C

2015 AERIAL PHOTOGRAGHY

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