

**US Army Corp.  
of Engineers**  
St. Louis District®



DESIGNED BY: I. NGUYEN	CHECKED BY: E. BRAUER, P.E.	APPROVED BY: R. DAVINROY, P.E.
DRAWN BY: J. BROWN, P.E.	DATE: JULY 2009	FILE NAME: ...ILLINOIS RIVER HSR MODEL.DOC
U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI		APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT

**ILLINOIS RIVER**  
LOCATION & VICINITY

PLATE  
NUMBER  
1



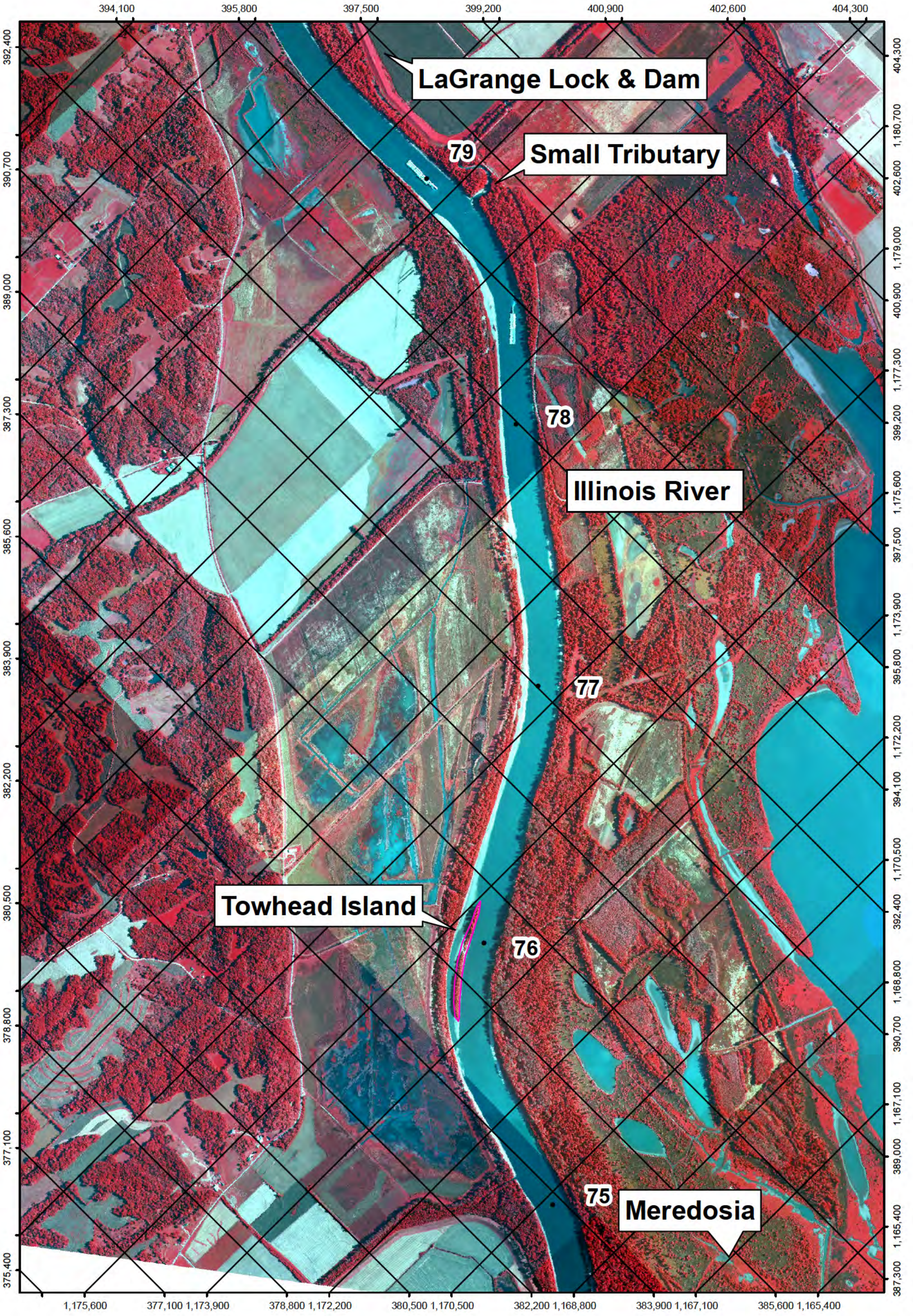


PLATE  
NUMBER  
02

0 850 1,700 3,400 Feet  
ILLINOIS RIVER HSR MODEL  
AERIAL PHOTOGRAPH

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, P.E.
	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, P.E.
APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	PLAT DATE: JULY 2009	APPROVED BY: R. DAV NROY, P.E.
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**Figure 1.** Small tributary entering the reach at RM 79.0



**Figure 2:** RDB along River Miles 77.0



**Figure 3:** RDB at the island on RM 75.8



**Figure 4:** RDB at the island on RM 75.0



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PLANT DATE: JULY 2009	APPROVED BY: R. DAVINROY, P. E.
FILE NAME: ...ILLINOIS RIVER HSR MODEL PHOTO.DOC	
U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	
APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	

**ILLINOIS RIVER**  
FIELD PHOTOS

PLATE  
NUMBER  
**3**



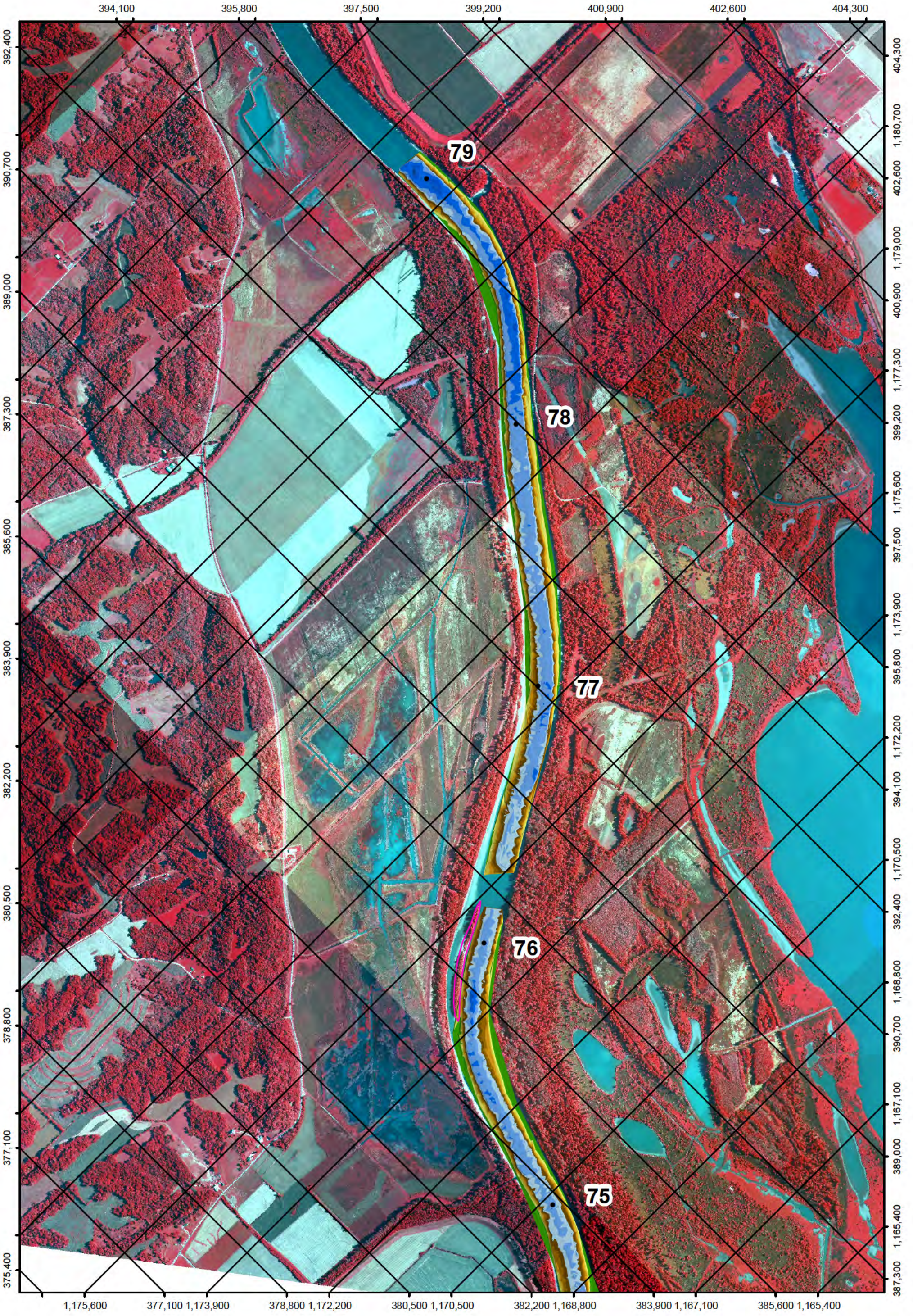
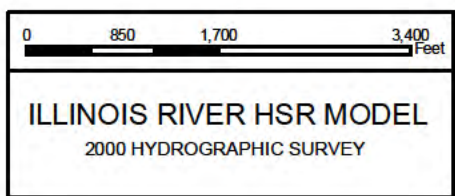


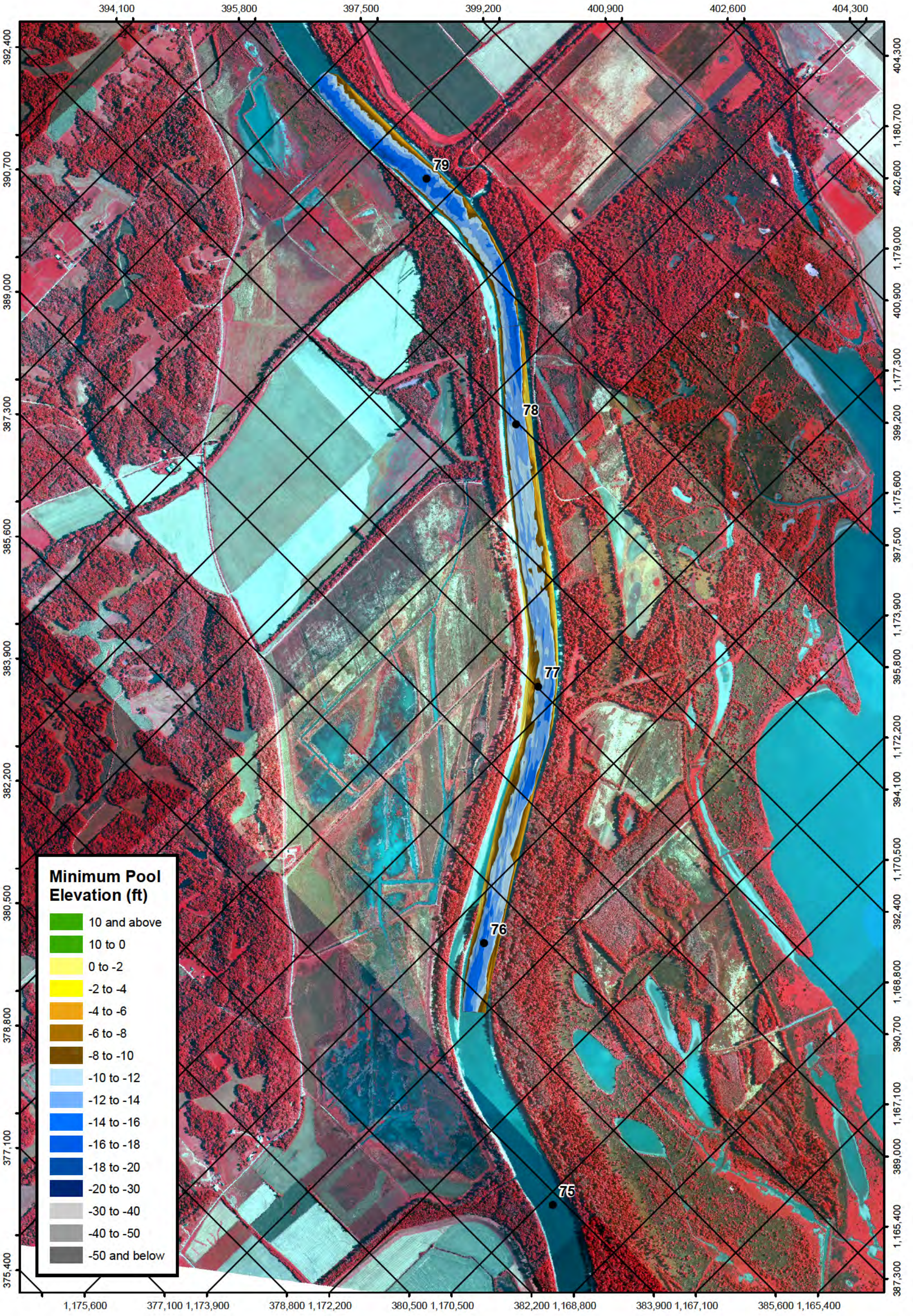
PLATE  
NUMBER  
04



U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, P.E.
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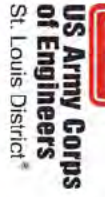
**Minimum Pool Elevation (ft)**

Green	10 and above
Light Green	10 to 0
Yellow	0 to -2
Light Yellow	-2 to -4
Orange	-4 to -6
Brown	-6 to -8
Dark Brown	-8 to -10
Light Blue	-10 to -12
Medium Blue	-12 to -14
Dark Blue	-14 to -16
Very Dark Blue	-16 to -18
Black	-18 to -20
Dark Grey	-20 to -30
Medium Grey	-30 to -40
Light Grey	-40 to -50
Dark Grey	-50 and below

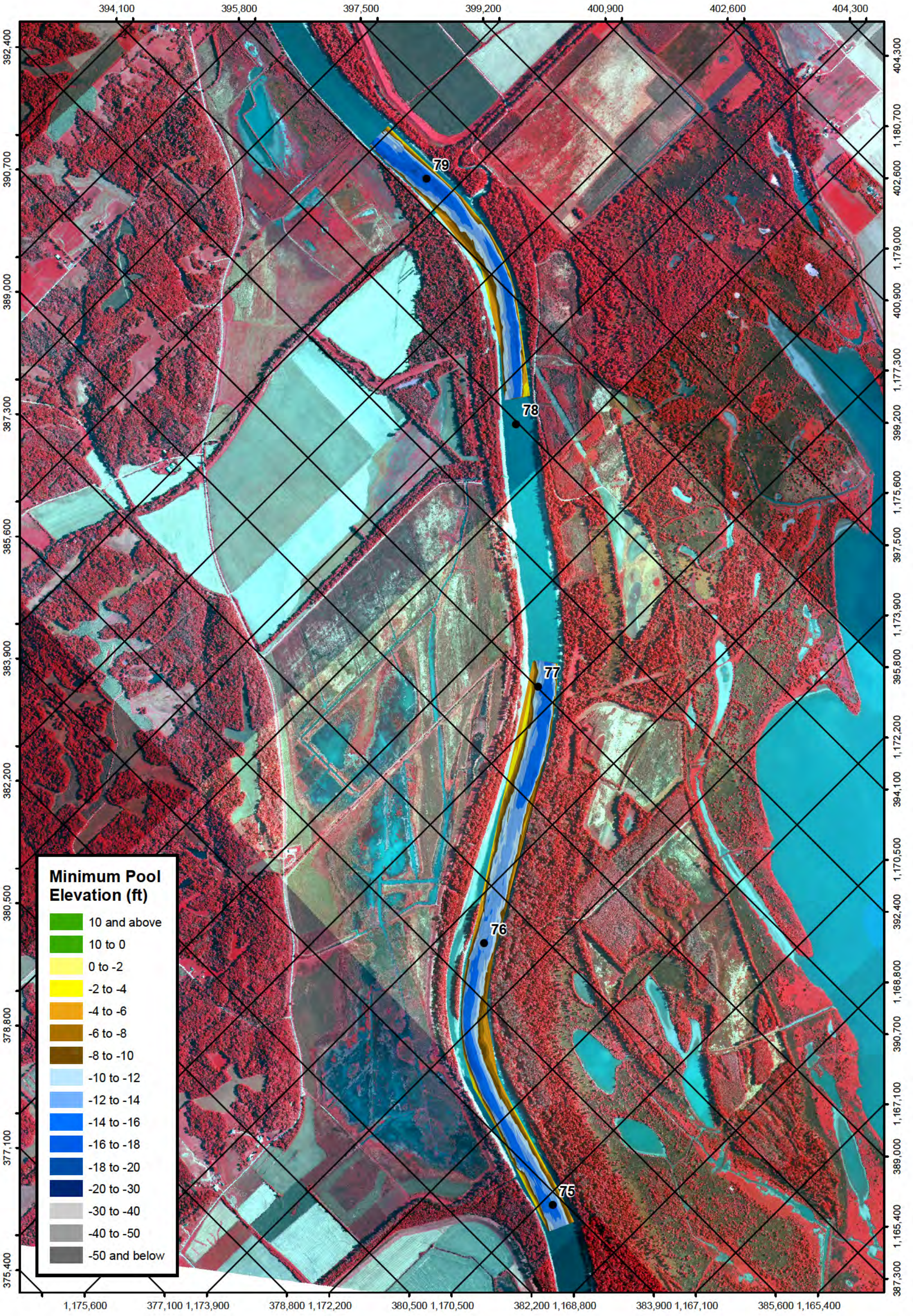
PLATE NUMBER  
05

ILLINOIS RIVER HSR MODEL  
2002 HYDROGRAPHIC SURVEY

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, P.E.
	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, P.E.
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Minimum Pool Elevation (ft)	
	10 and above
	10 to 0
	0 to -2
	-2 to -4
	-4 to -6
	-6 to -8
	-8 to -10
	-10 to -12
	-12 to -14
	-14 to -16
	-16 to -18
	-18 to -20
	-20 to -30
	-30 to -40
	-40 to -50
	-50 and below

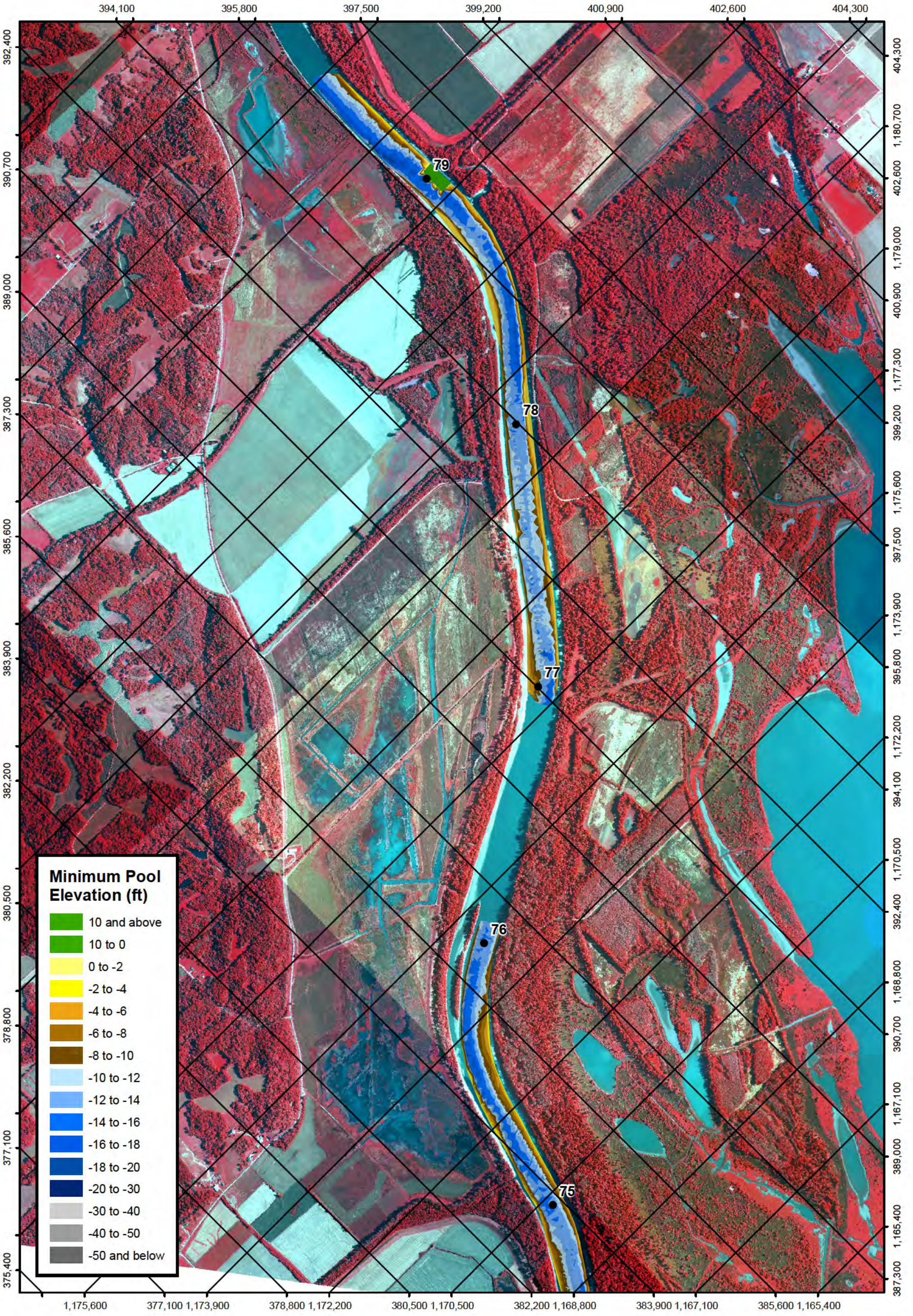
PLATE  
NUMBER  
06

ILLINOIS RIVER HSR MODEL  
2003 HYDROGRAPHIC SURVEY

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, P.E.
	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, P.E.
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	FILE NAME: ... ILLINOIS RIVER HSR MODEL.MXD	







**Minimum Pool Elevation (ft)**

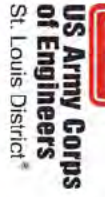
10 and above
10 to 0
0 to -2
-2 to -4
-4 to -6
-6 to -8
-8 to -10
-10 to -12
-12 to -14
-14 to -16
-16 to -18
-18 to -20
-20 to -30
-30 to -40
-40 to -50
-50 and below

PLATE  
NUMBER  
07

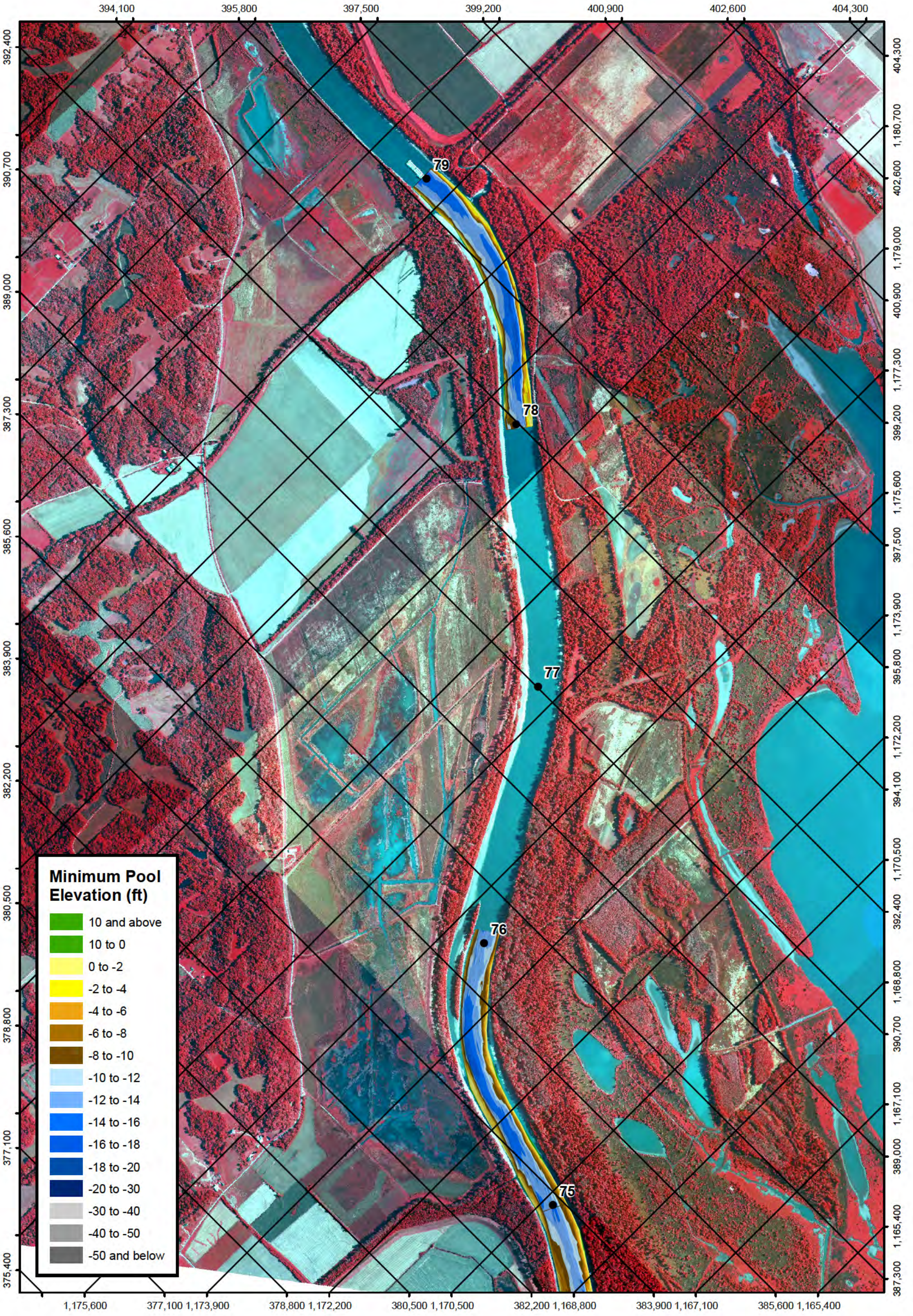
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**ILLINOIS RIVER HSR MODEL**  
2005 HYDROGRAPHIC SURVEY

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, P.E.
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	FILE NAME: ... ILLINOIS RIVER HSR MODEL.MXD	







Minimum Pool Elevation (ft)	
Green	10 and above
Light Green	10 to 0
Yellow	0 to -2
Light Yellow	-2 to -4
Orange	-4 to -6
Brown	-6 to -8
Dark Brown	-8 to -10
Light Blue	-10 to -12
Medium Blue	-12 to -14
Dark Blue	-14 to -16
Very Dark Blue	-16 to -18
Black	-18 to -20
Black	-20 to -30
Black	-30 to -40
Black	-40 to -50
Black	-50 and below

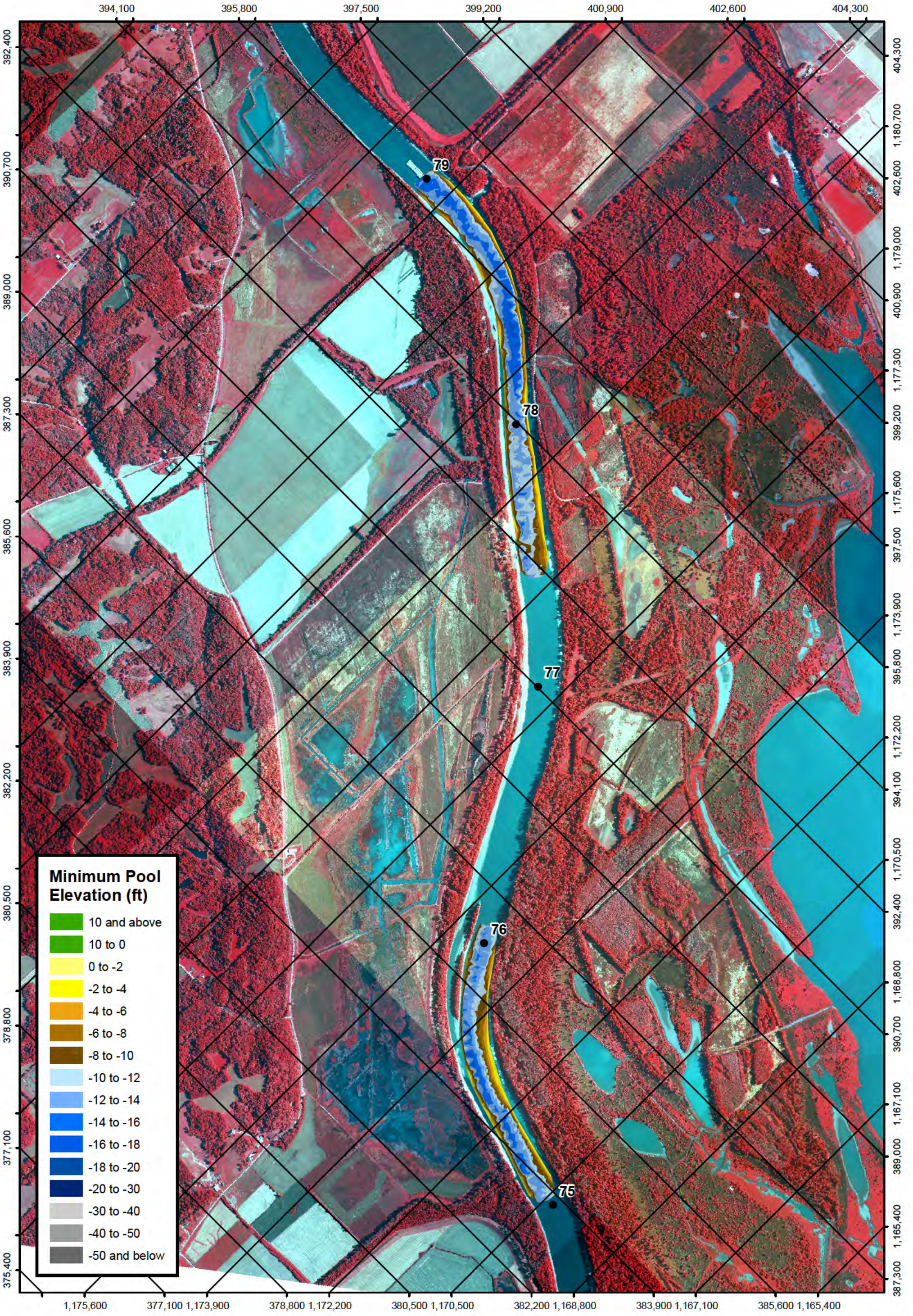
PLATE NUMBER  
08

ILLINOIS RIVER HSR MODEL  
2006 HYDROGRAPHIC SURVEY

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, P.E.
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**Minimum Pool Elevation (ft)**

Green	10 and above
Light Green	10 to 0
Yellow	0 to -2
Light Yellow	-2 to -4
Orange	-4 to -6
Dark Orange	-6 to -8
Brown	-8 to -10
Light Blue	-10 to -12
Medium Blue	-12 to -14
Dark Blue	-14 to -16
Very Dark Blue	-16 to -18
Black	-18 to -20
Dark Grey	-20 to -30
Light Grey	-30 to -40
Medium Grey	-40 to -50
Dark Grey	-50 and below

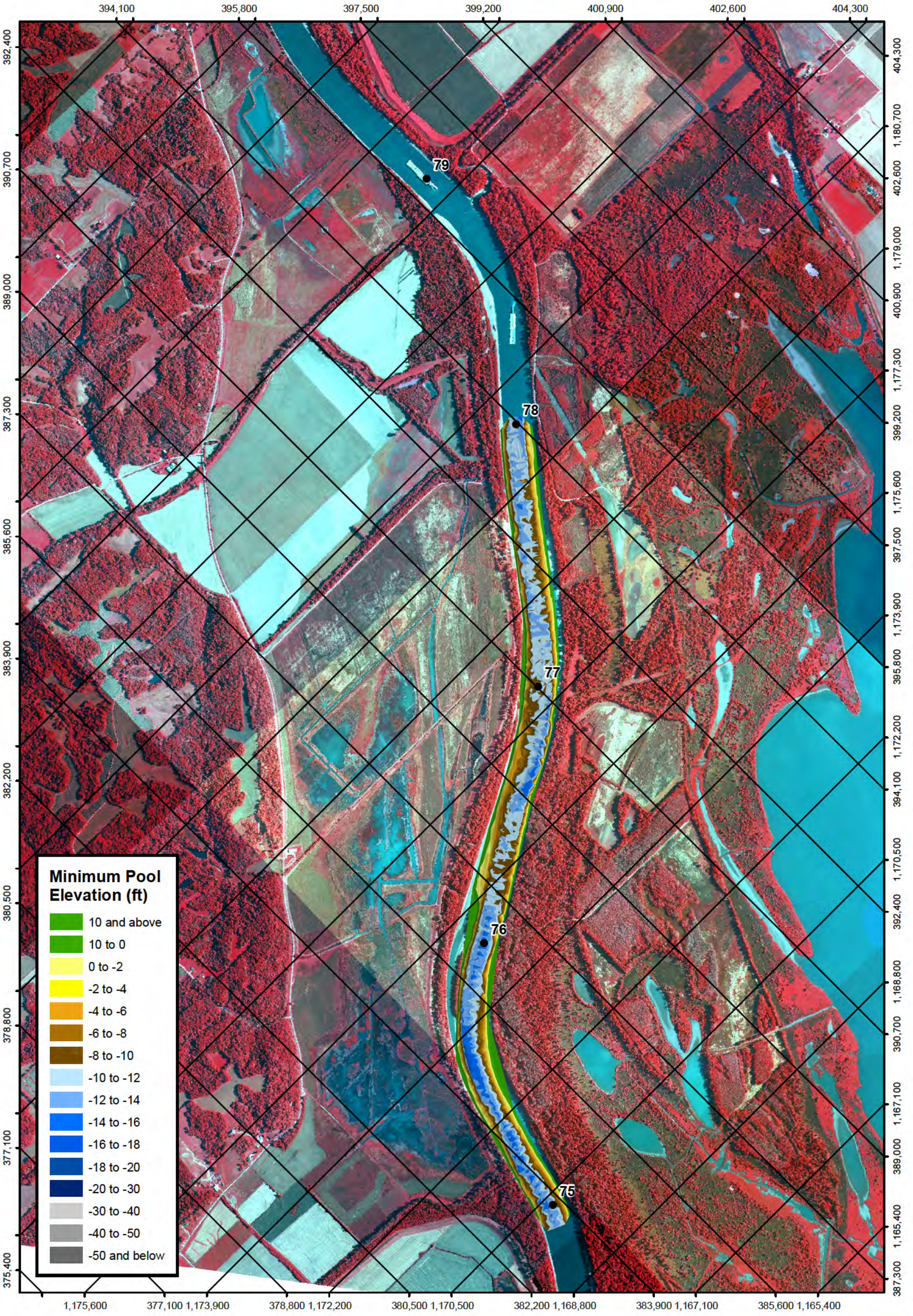
PLATE NUMBER  
09

ILLINOIS RIVER HSR MODEL  
2007 HYDROGRAPHIC SURVEY

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, P.E.
	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, P.E.
APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	PLAT DATE: JULY 2009	APPROVED BY: R. DAV NROY, P.E.
	FILE NAME: ... ILLINOIS RIVER HSR MODEL.MXD	







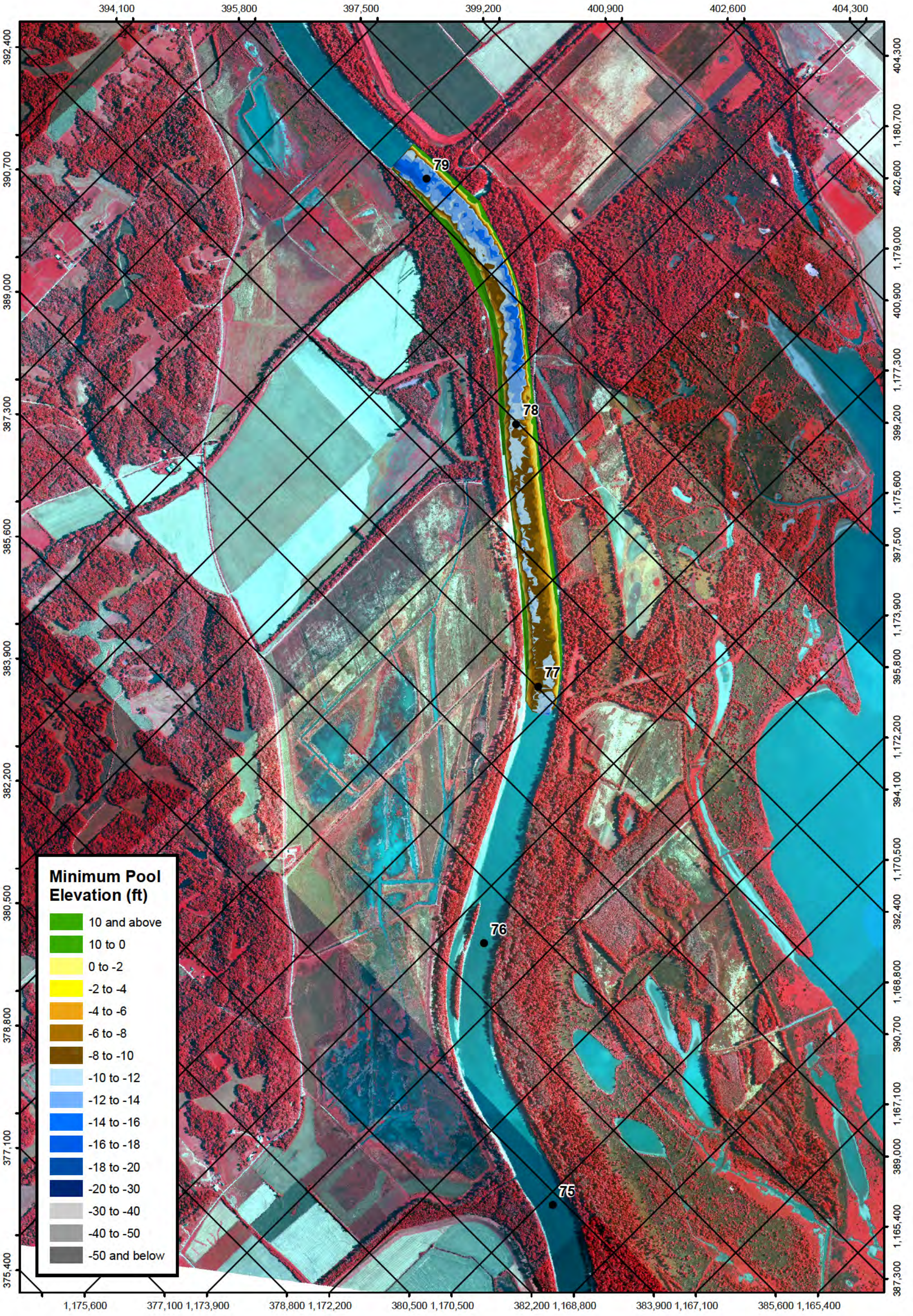
Minimum Pool Elevation (ft)	
Green	10 and above
Light Green	10 to 0
Yellow	0 to -2
Light Yellow	-2 to -4
Orange	-4 to -6
Brown	-6 to -8
Dark Brown	-8 to -10
Light Blue	-10 to -12
Medium Blue	-12 to -14
Dark Blue	-14 to -16
Very Dark Blue	-16 to -18
Black	-18 to -20
Dark Grey	-20 to -30
Light Grey	-30 to -40
Medium Grey	-40 to -50
Dark Grey	-50 and below

PLATE NUMBER  
10

ILLINOIS RIVER HSR MODEL  
2008 HYDROGRAPHIC SURVEY

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APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	PLAT DATE: JULY 2009	APPROVED BY: R. DAV NROY, P.E.
	FILE NAME: ... ILLINOIS RIVER HSR MODEL.MXD	



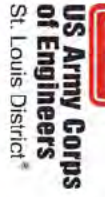


Minimum Pool Elevation (ft)	
Green	10 and above
Light Green	10 to 0
Yellow	0 to -2
Light Yellow	-2 to -4
Orange	-4 to -6
Dark Orange	-6 to -8
Brown	-8 to -10
Light Blue	-10 to -12
Medium Blue	-12 to -14
Dark Blue	-14 to -16
Very Dark Blue	-16 to -18
Black	-18 to -20
Dark Grey	-20 to -30
Medium Grey	-30 to -40
Light Grey	-40 to -50
Black	-50 and below

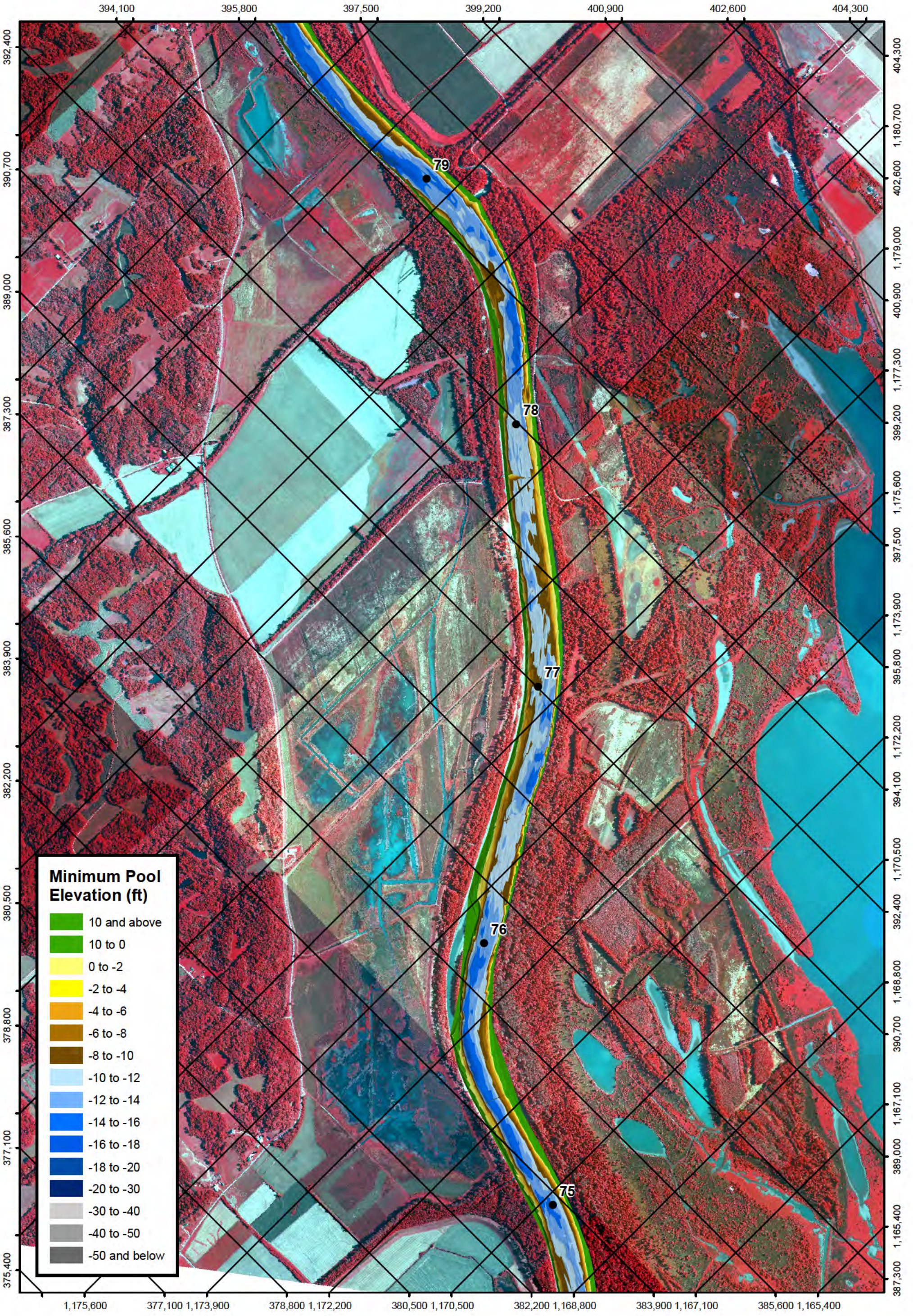
PLATE NUMBER  
11

ILLINOIS RIVER HSR MODEL  
2009 HYDROGRAPHIC SURVEY

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	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, P.E.
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Minimum Pool Elevation (ft)	
Green	10 and above
Light Green	10 to 0
Yellow	0 to -2
Light Yellow	-2 to -4
Orange	-4 to -6
Brown	-6 to -8
Dark Brown	-8 to -10
Light Blue	-10 to -12
Medium Blue	-12 to -14
Dark Blue	-14 to -16
Very Dark Blue	-16 to -18
Black	-18 to -20
Dark Grey	-20 to -30
Light Grey	-30 to -40
Medium Grey	-40 to -50
Dark Grey	-50 and below

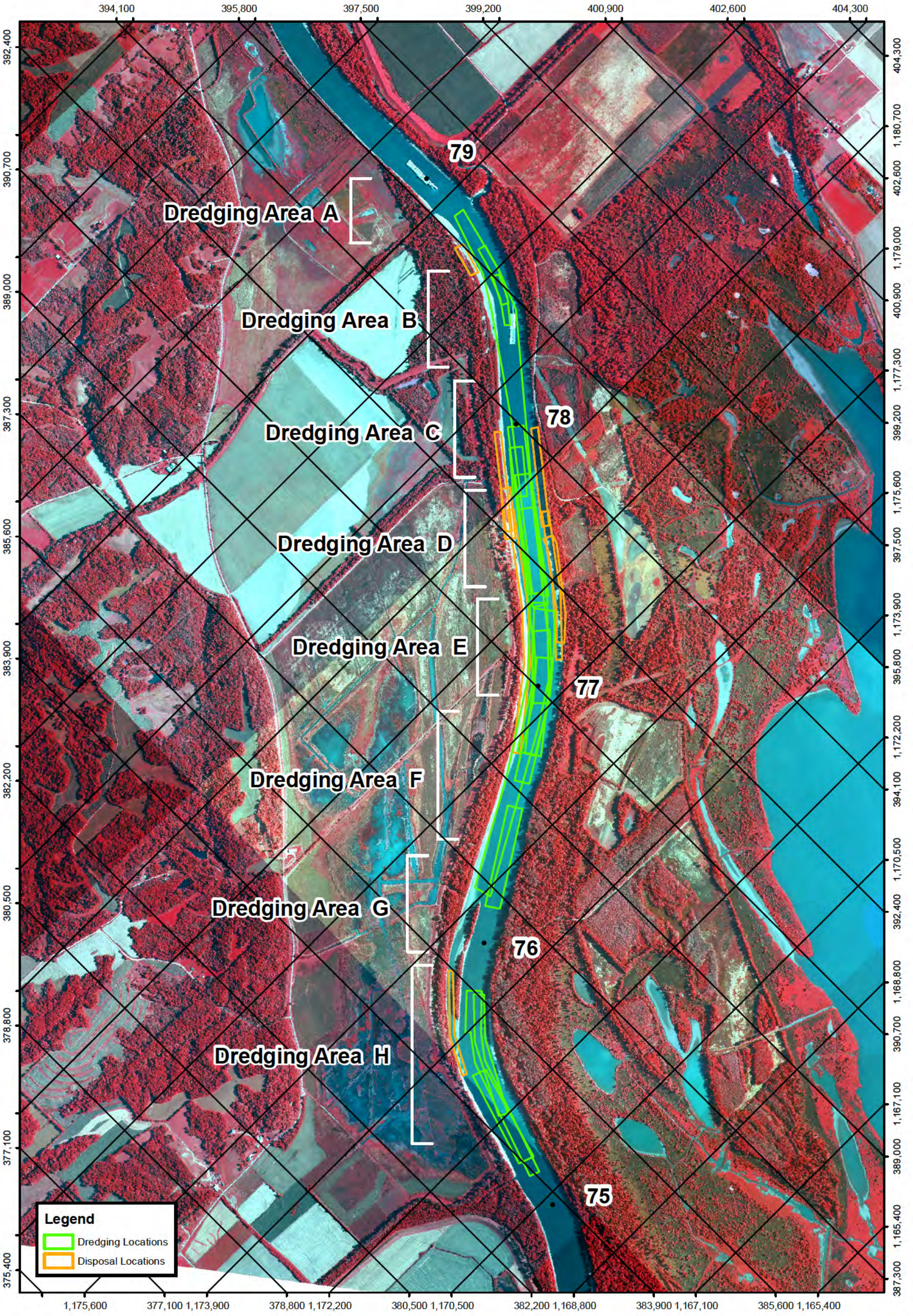
PLATE NUMBER  
12

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ILLINOIS RIVER HSR MODEL  
2009 PRE-DREDGE HYDROGRAPHIC SURVEY

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, P.E.
	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, P.E.
APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	PLAT DATE: JULY 2009	APPROVED BY: R. DAV NROY, P.E.
	FILE NAME: ... ILLINOIS RIVER HSR MODEL.MXD	







**Legend**  
 Dredging Locations  
 Disposal Locations

PLATE NUMBER  
13

0 850 1,700 3,400 Feet  
**ILLINOIS RIVER HSR MODEL**  
 DREDGE & DISPOSAL LOCATIONS

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, P.E.
	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, P.E.
APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	PLAT DATE: JULY 2009	APPROVED BY: R. DAV NROY, P.E.
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Illinois River Hydraulic Sediment Response Model



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APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, P. E.
	PLAT DATE: JULY 2009	APPROVED BY: R. DAVINROY, P. E.
	FILE NAME: ...ILLINOIS RIVER HSR MODEL PHOTO.DOC	

**ILLINOIS RIVER**  
HSR MODEL

PLATE  
NUMBER  
14



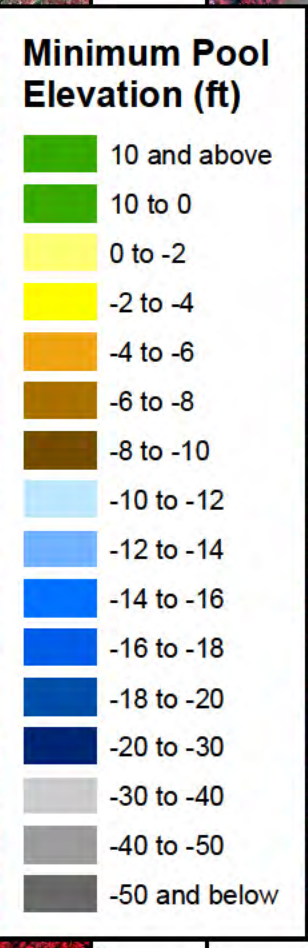
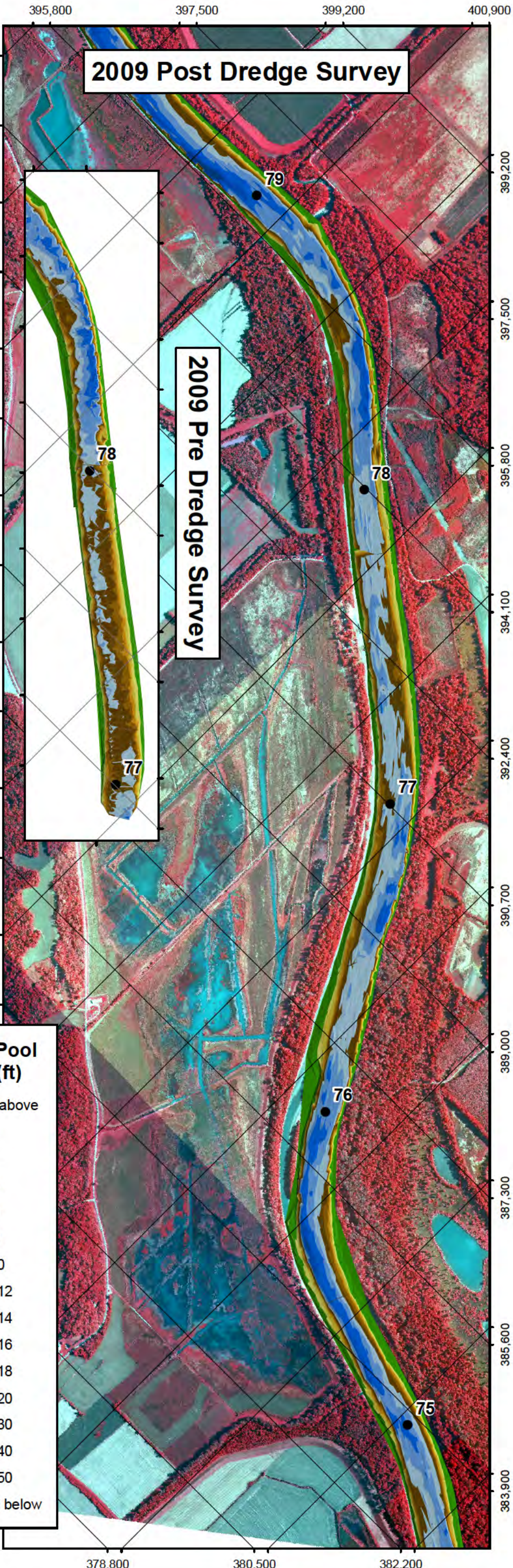
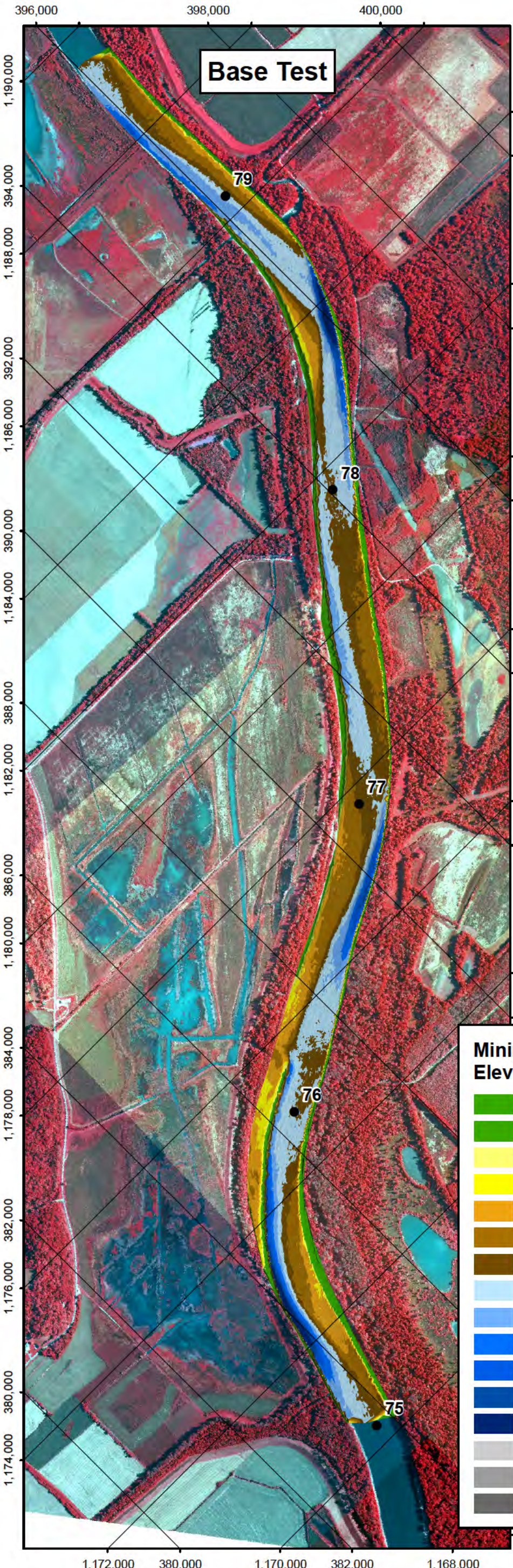


PLATE NUMBER  
15

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ILLINOIS RIVER HSR MODEL  
BASE TEST

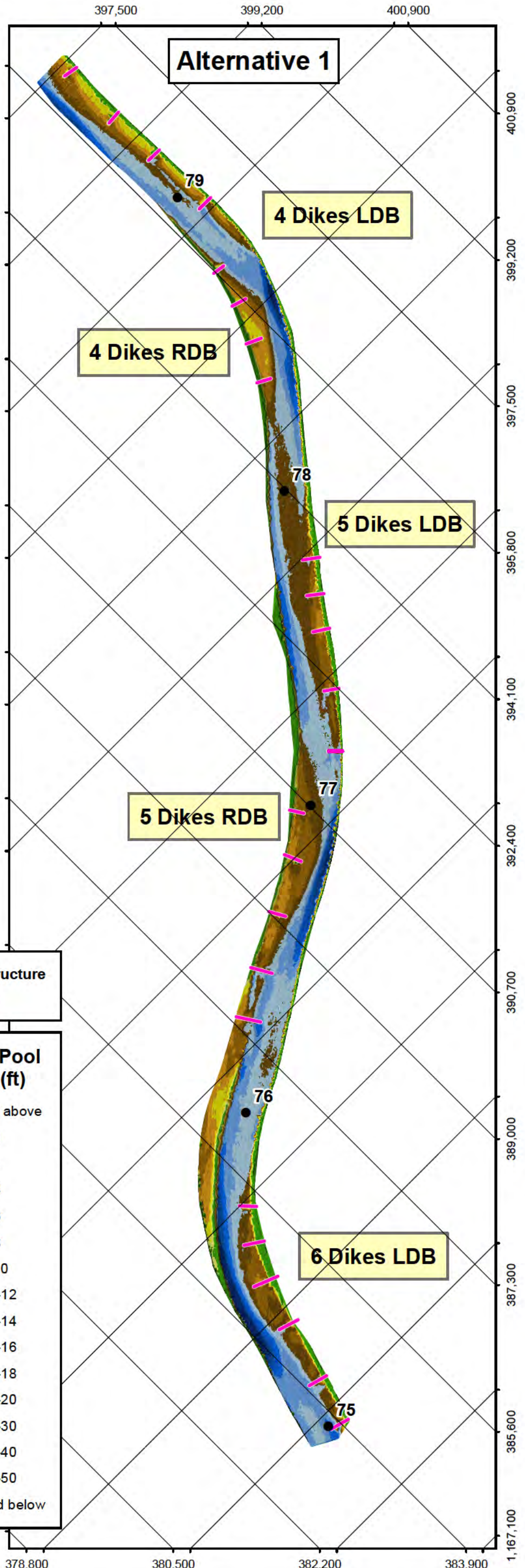
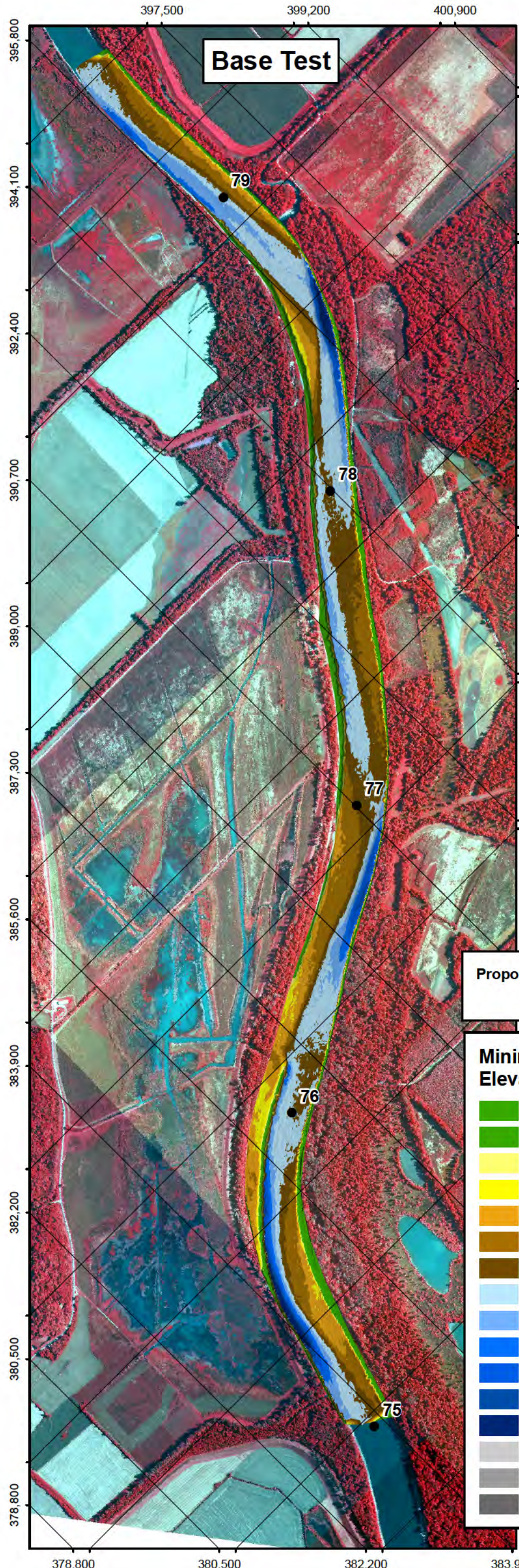
U.S. ARMY ENGINEER DIVISION  
CORPS OF ENGINEERS  
ST. LOUIS, MISSOURI

APPLIED RIVER  
ENGINEERING CENTER  
ST. LOUIS DISTRICT

DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, P.E.
SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, P.E.
PLOT DATE: JULY 2009	APPROVED BY: R. DAV NROY, P.E.
FILE NAME: ... ILLINOIS RIVER HSR MODEL.MXD	







**Proposed Structure**

—

**Minimum Pool Elevation (ft)**

- 10 and above
- 10 to 0
- 0 to -2
- 2 to -4
- 4 to -6
- 6 to -8
- 8 to -10
- 10 to -12
- 12 to -14
- 14 to -16
- 16 to -18
- 18 to -20
- 20 to -30
- 30 to -40
- 40 to -50
- 50 and below

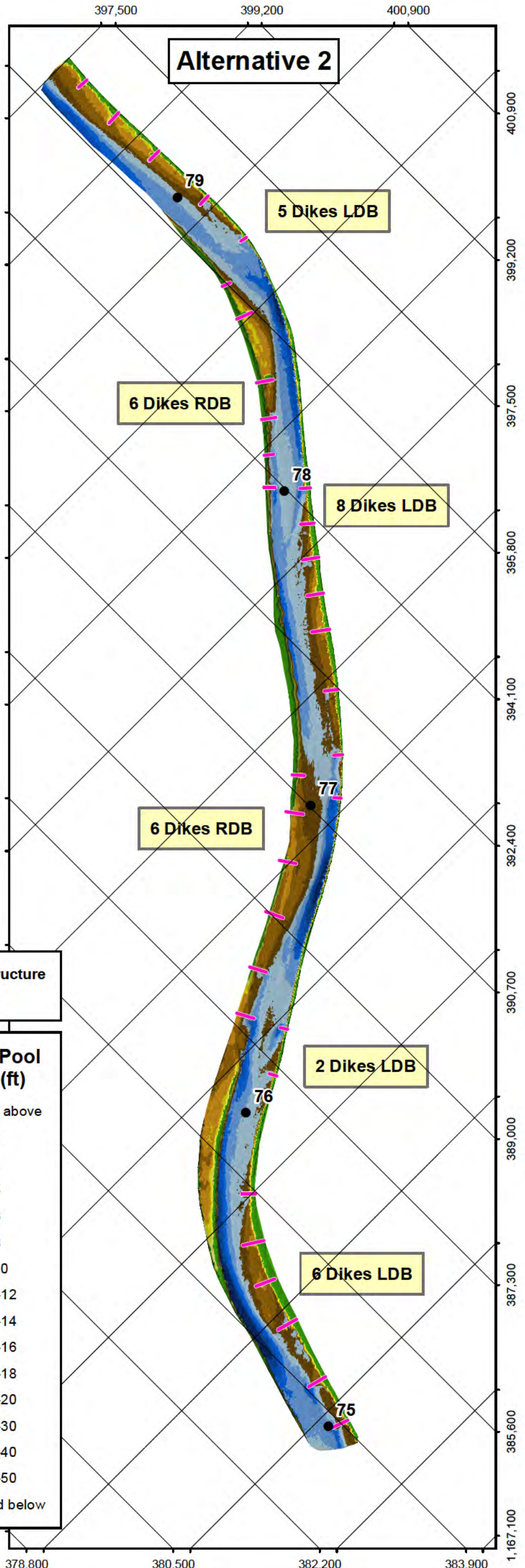
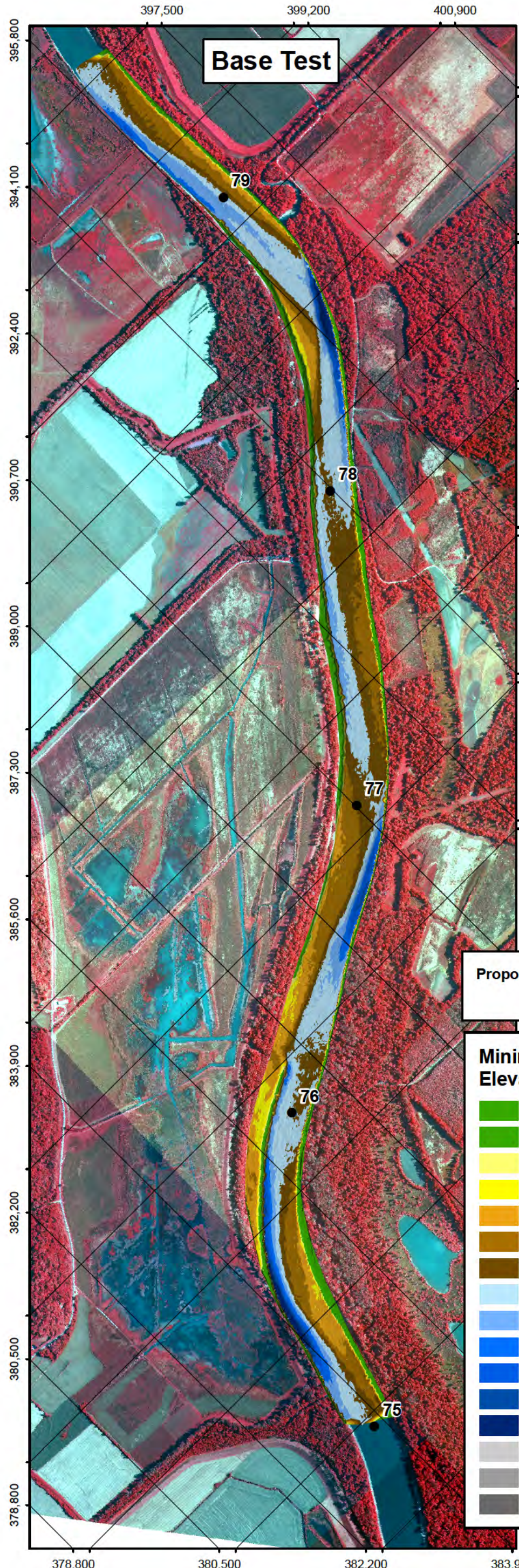
PLATE NUMBER  
16

ILLINOIS RIVER HSR MODEL  
ALTERNATIVE 1

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, PE.
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APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	DATE: JULY 2009	APPROVED BY: R. DAVENROY, PE.
	FILENAME: ...ILLINOIS RIVER HSR MODEL.MXD	







**Proposed Structure**

**Minimum Pool Elevation (ft)**

- 10 and above
- 10 to 0
- 0 to -2
- 2 to -4
- 4 to -6
- 6 to -8
- 8 to -10
- 10 to -12
- 12 to -14
- 14 to -16
- 16 to -18
- 18 to -20
- 20 to -30
- 30 to -40
- 40 to -50
- 50 and below

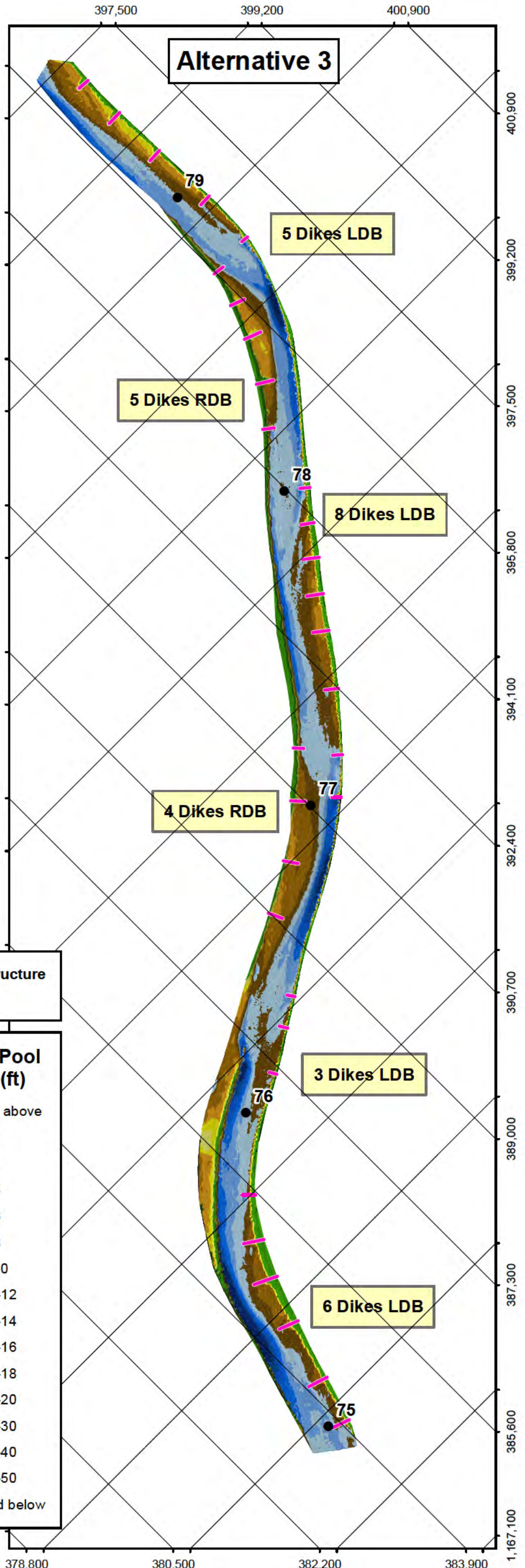
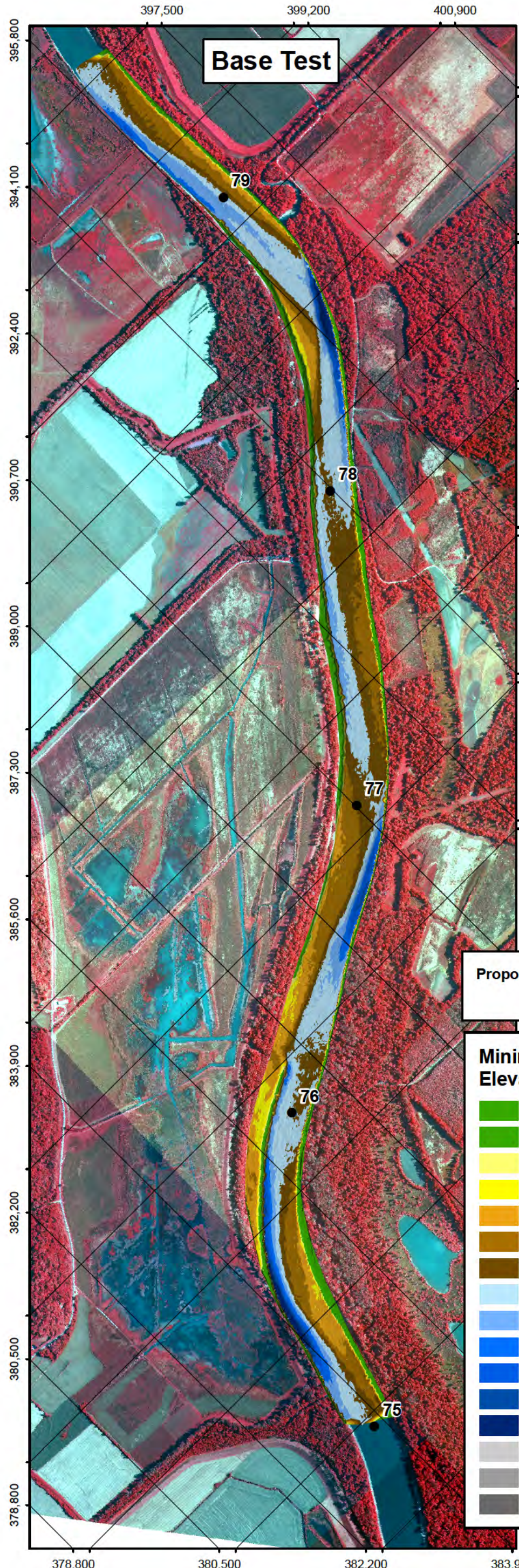
PLATE NUMBER  
17

ILLINOIS RIVER HSR MODEL  
ALTERNATIVE 2

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, P.E.
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APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	PLT DATE: JULY 2009	APPROVED BY: R. DAVNROY, P.E.
	FILENAME: ...ILLINOIS RIVER HSR MODEL.MXD	







**Proposed Structure**

—

**Minimum Pool Elevation (ft)**

- 10 and above
- 10 to 0
- 0 to -2
- 2 to -4
- 4 to -6
- 6 to -8
- 8 to -10
- 10 to -12
- 12 to -14
- 14 to -16
- 16 to -18
- 18 to -20
- 20 to -30
- 30 to -40
- 40 to -50
- 50 and below

PLATE NUMBER  
18

0 850 1,700 3,400 Feet

**ILLINOIS RIVER HSR MODEL**  
ALTERNATIVE 3

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, P.E.
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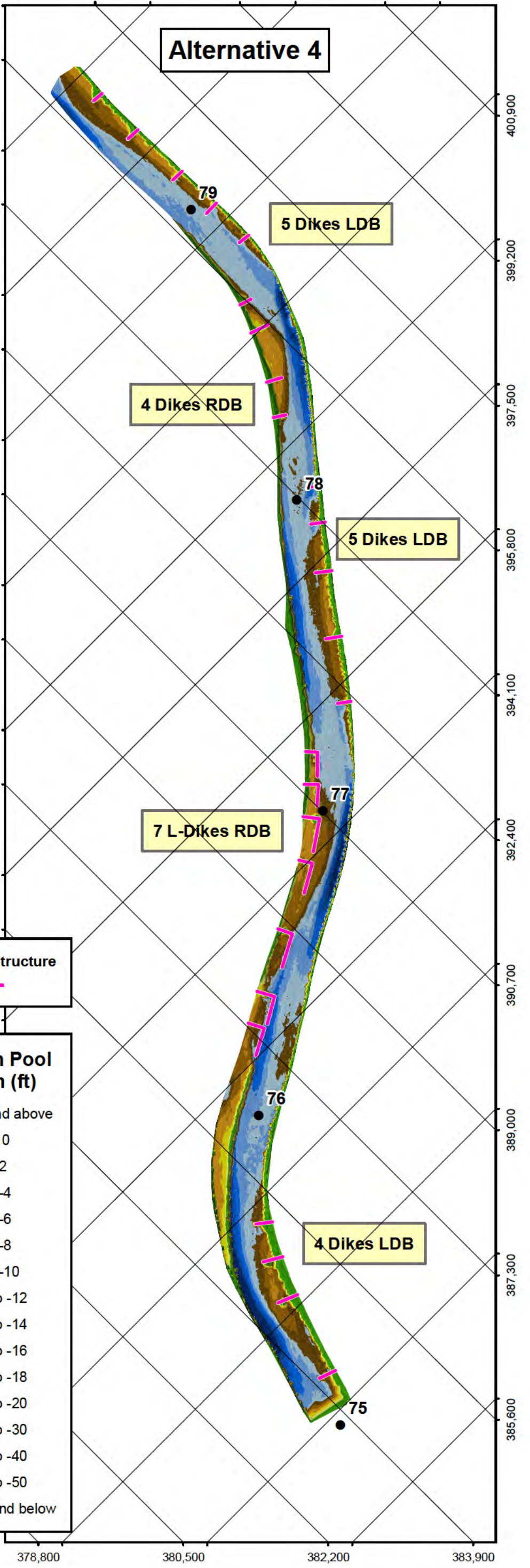
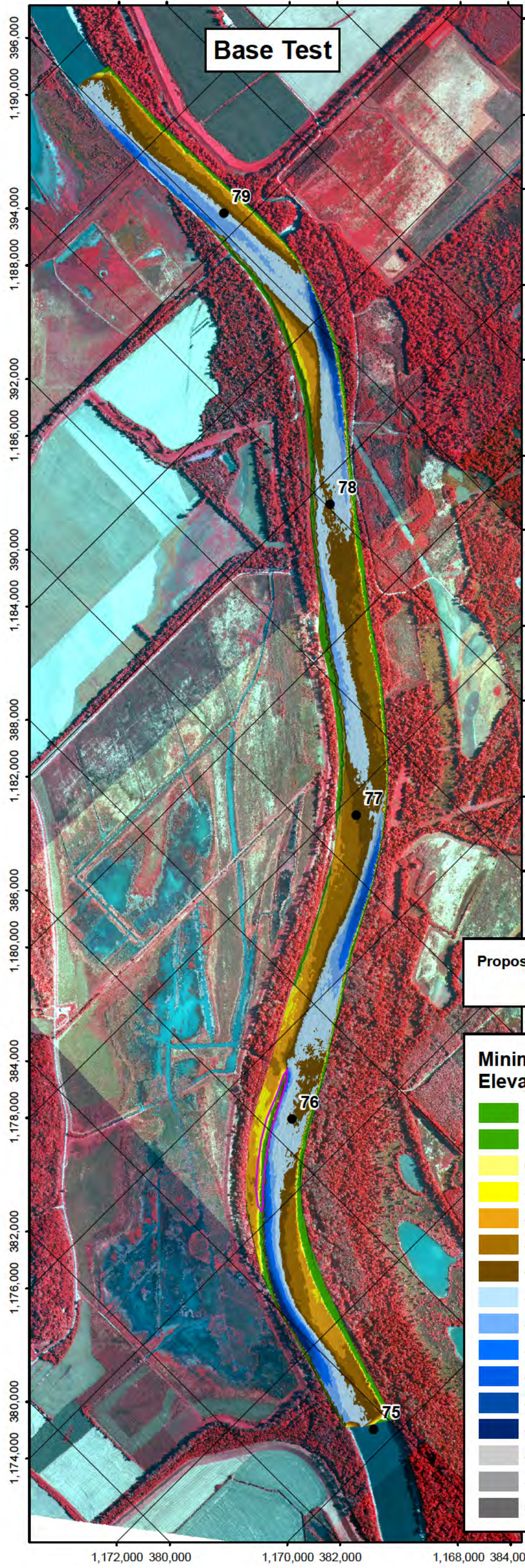


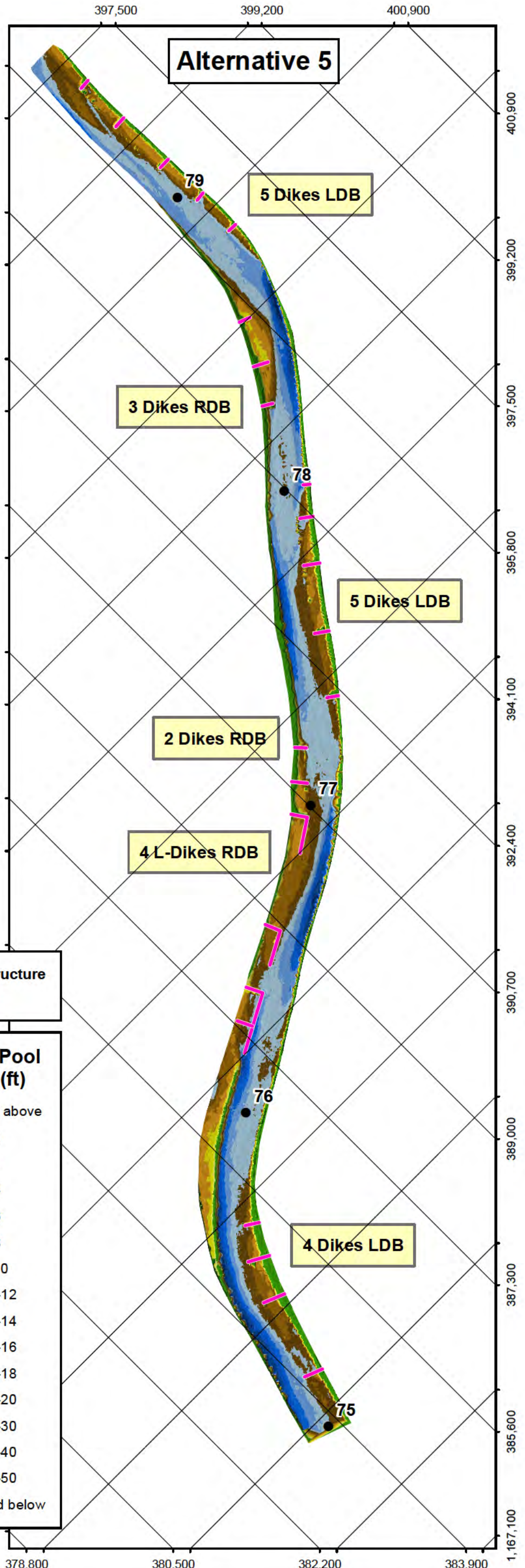
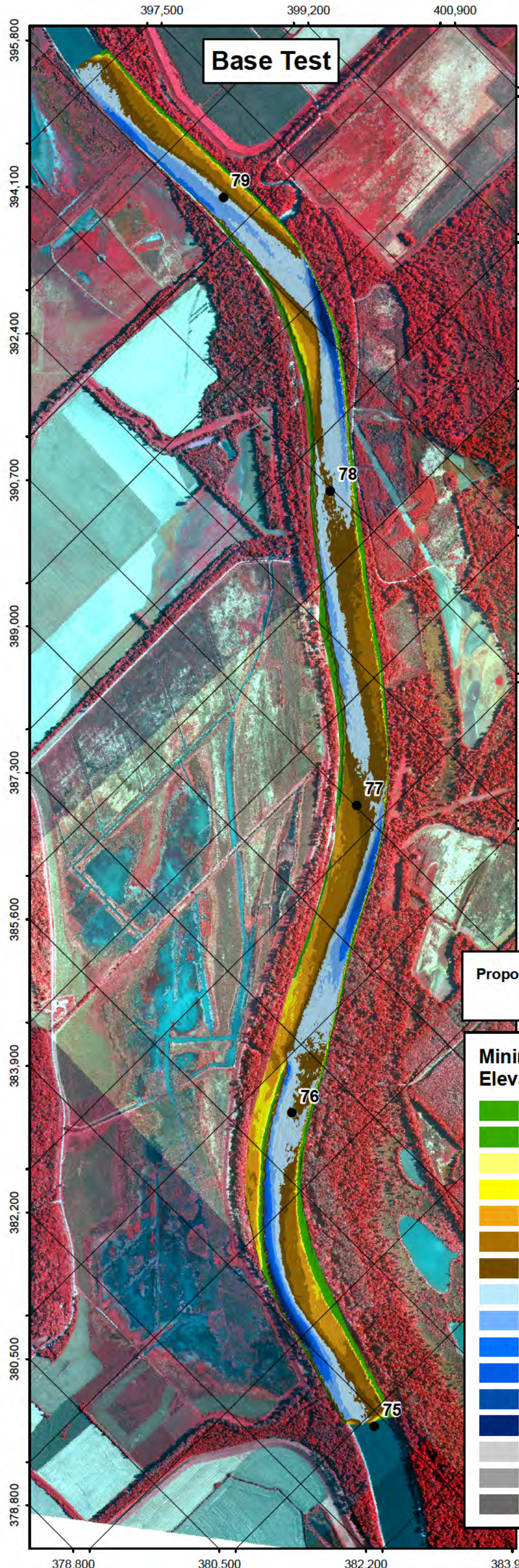
PLATE NUMBER  
19

0 850 1,700 3,400 Feet  
ILLINOIS RIVER HSR MODEL  
ALTERNATIVE 4

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, P.E.
	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, P.E.
	DATE: JULY 2009	APPROVED BY: R. DAVINROY, P.E.
	FILE NAME: ILLINOIS RIVER HSR MODEL.MXD	







**Proposed Structure**

—

**Minimum Pool Elevation (ft)**

- 10 and above
- 10 to 0
- 0 to -2
- 2 to -4
- 4 to -6
- 6 to -8
- 8 to -10
- 10 to -12
- 12 to -14
- 14 to -16
- 16 to -18
- 18 to -20
- 20 to -30
- 30 to -40
- 40 to -50
- 50 and below

PLATE NUMBER  
20

ILLINOIS RIVER HSR MODEL  
ALTERNATIVE 5

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, P.E.
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APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	PLT DATE: JULY 2009	APPROVED BY: R. DAVNROY, P.E.
	FILENAME: ...ILLINOIS RIVER HSR MODEL.MXD	





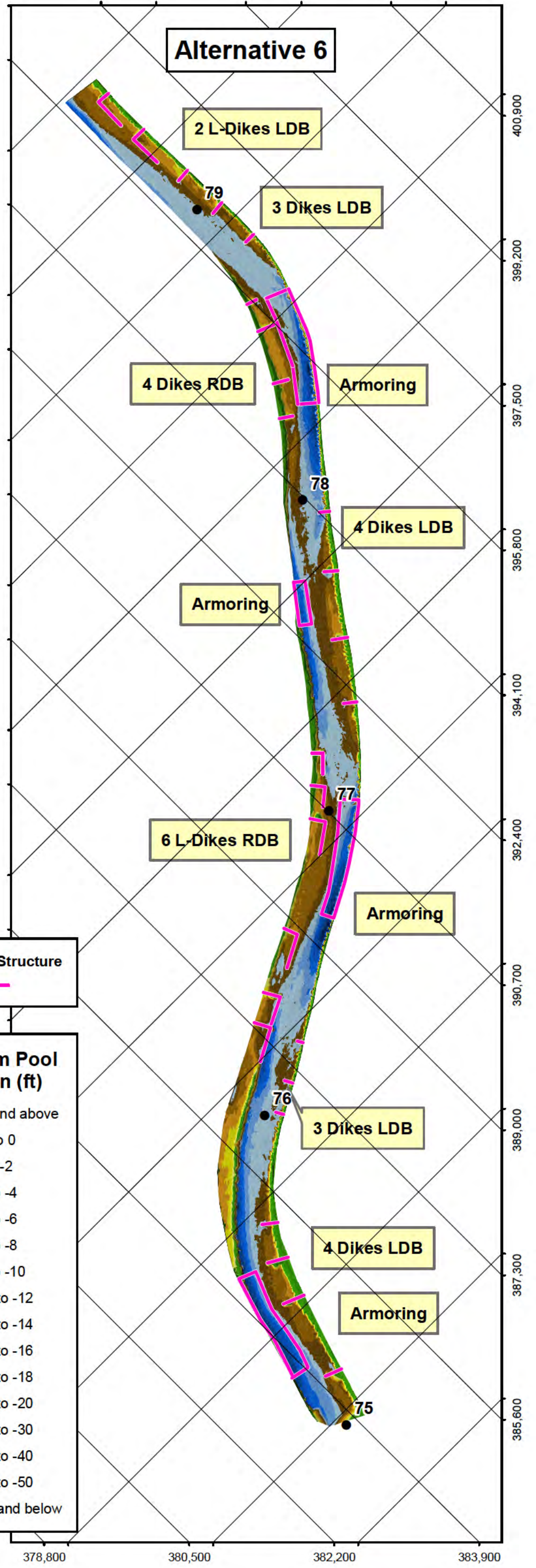
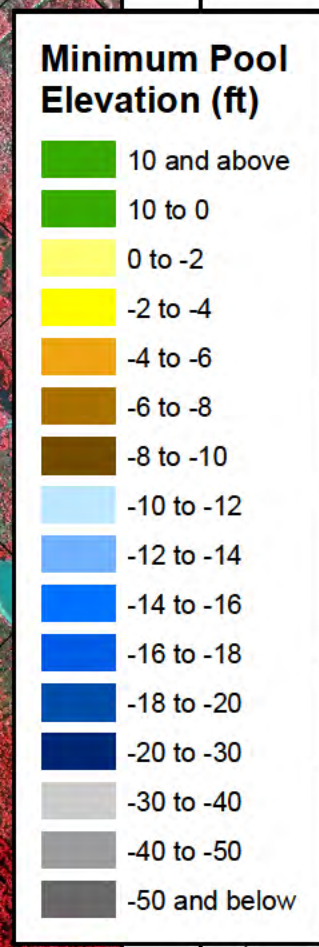
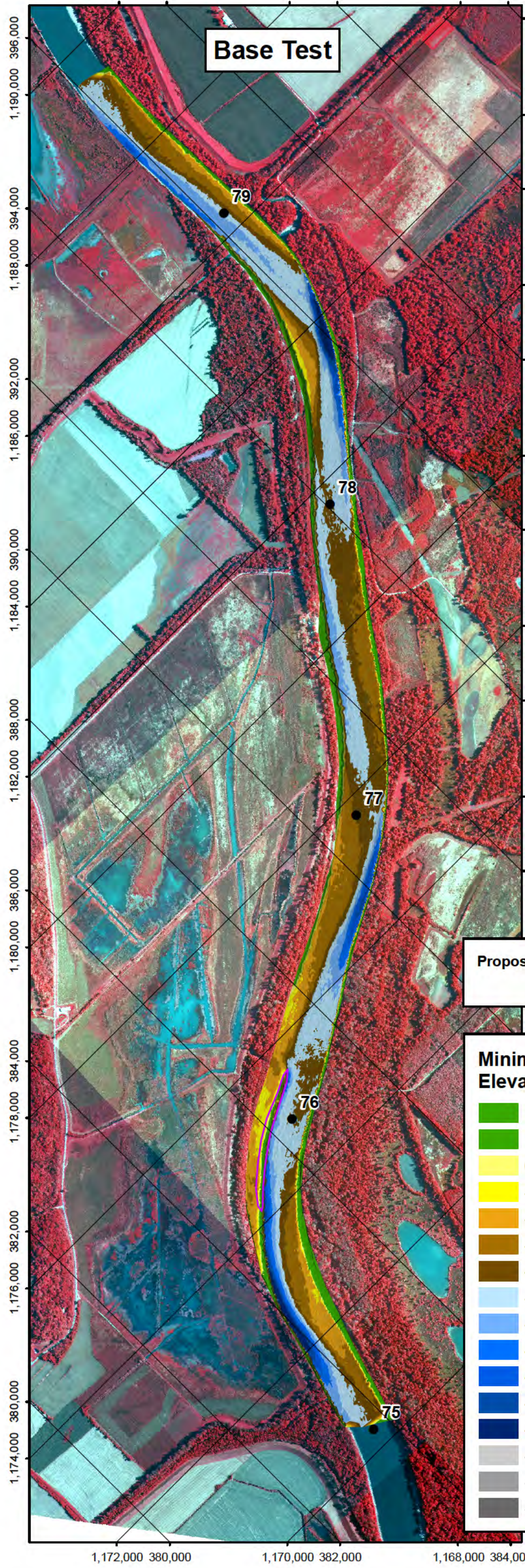


PLATE NUMBER  
21

0 850 1,700 3,400 Feet  
ILLINOIS RIVER HSR MODEL  
ALTERNATIVE 6

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, P.E.
	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, P.E.
APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	PLLOT DATE: JULY 2009	APPROVED BY: R. DAVINROY, P.E.
	FILE NAME: ILLINOIS RIVER HSR MODEL.MXD	





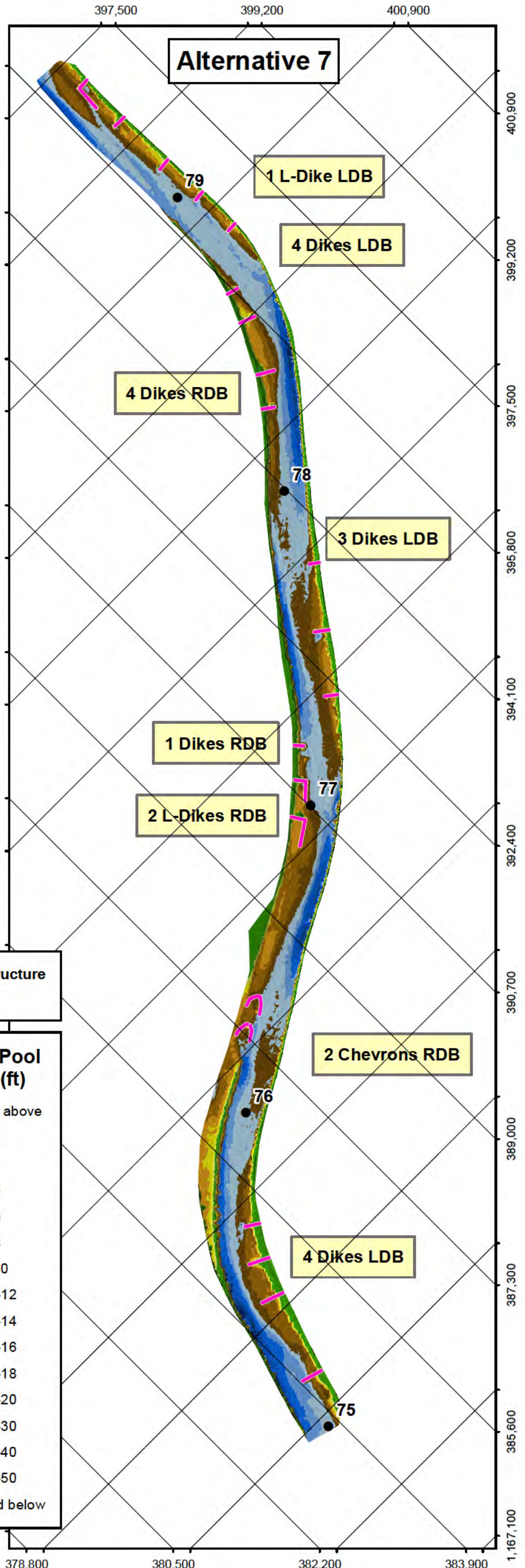
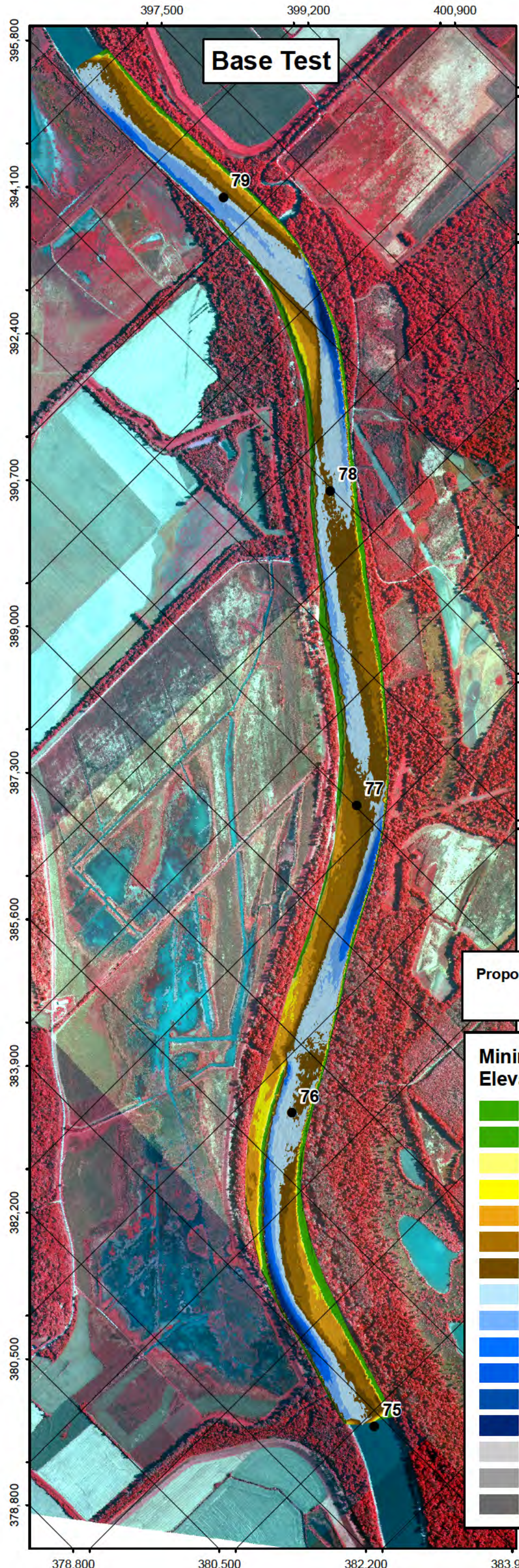


PLATE NUMBER  
22

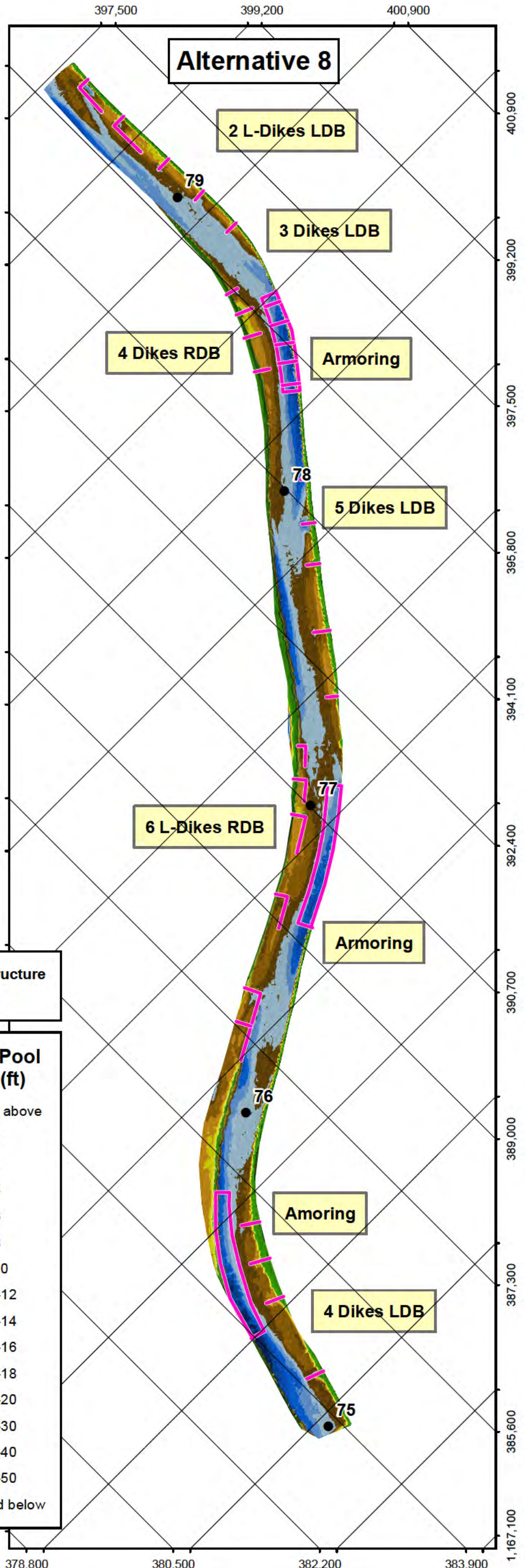
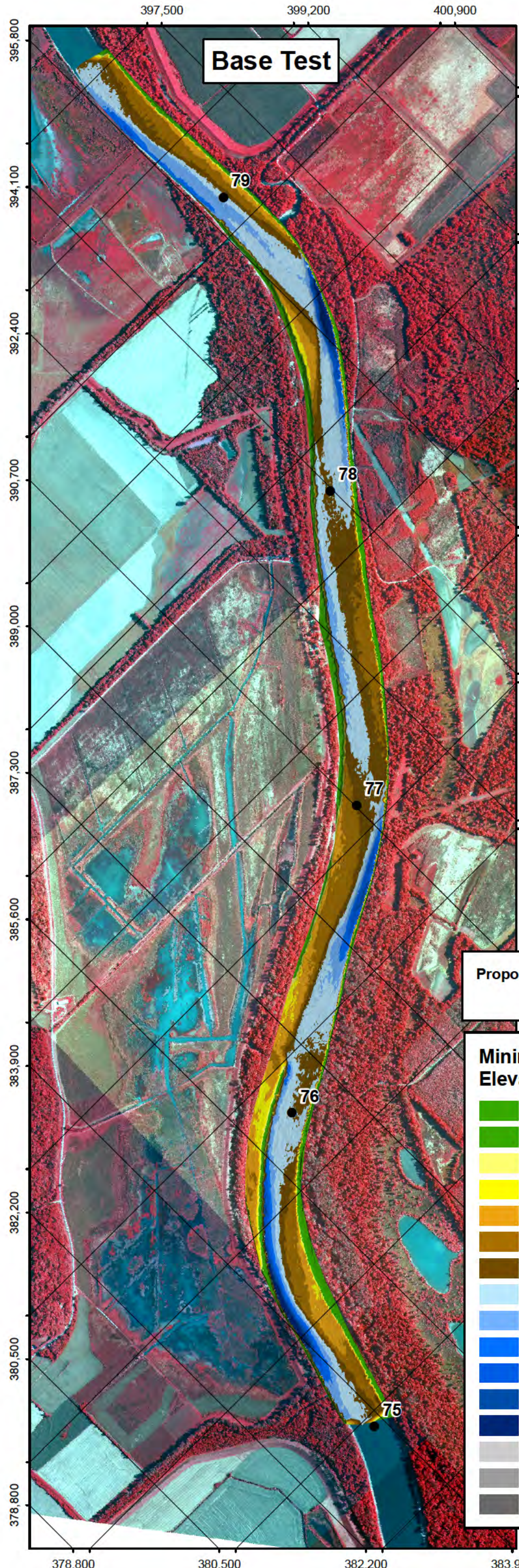
0 850 1,700 3,400 Feet

ILLINOIS RIVER HSR MODEL  
ALTERNATIVE 7

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, PE.
	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, PE.
APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	PLT DATE: JULY 2009	APPROVED BY: R. DAVNROY, PE.
	FILENAME: ...ILLINOIS RIVER HSR MODEL.MXD	







**Proposed Structure**

—

**Minimum Pool Elevation (ft)**

- 10 and above
- 10 to 0
- 0 to -2
- 2 to -4
- 4 to -6
- 6 to -8
- 8 to -10
- 10 to -12
- 12 to -14
- 14 to -16
- 16 to -18
- 18 to -20
- 20 to -30
- 30 to -40
- 40 to -50
- 50 and below

PLATE NUMBER  
23

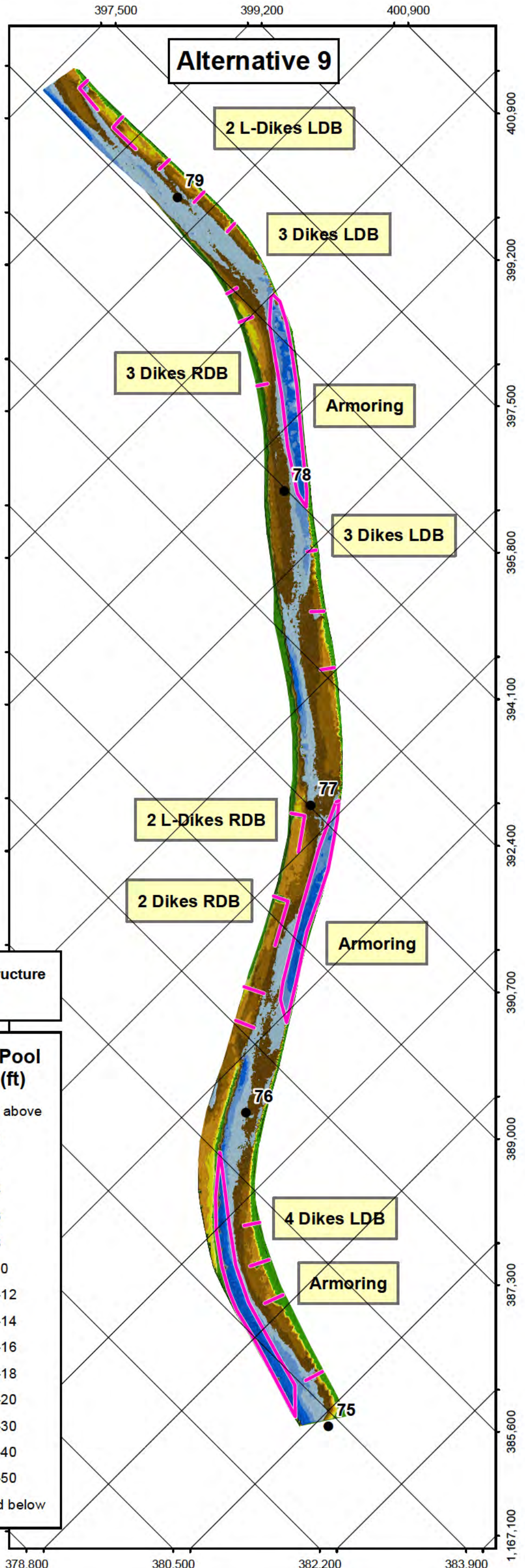
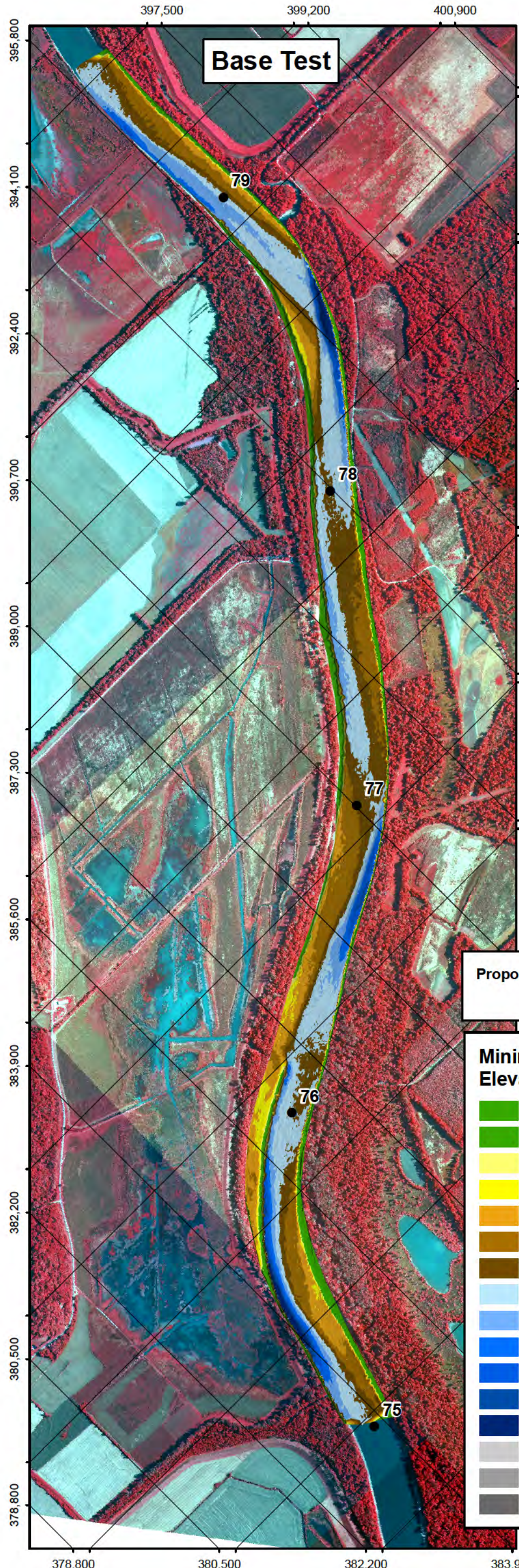
0 850 1,700 3,400 Feet

ILLINOIS RIVER HSR MODEL  
ALTERNATIVE 8

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, PE.
	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, PE.
APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	PLT DATE: JULY 2009	APPROVED BY: R. DAV NROY, PE.
	FILENAME: ...ILLINOIS RIVER HSR MODEL.MXD	







**Proposed Structure**

—

**Minimum Pool Elevation (ft)**

- 10 and above
- 10 to 0
- 0 to -2
- 2 to -4
- 4 to -6
- 6 to -8
- 8 to -10
- 10 to -12
- 12 to -14
- 14 to -16
- 16 to -18
- 18 to -20
- 20 to -30
- 30 to -40
- 40 to -50
- 50 and below

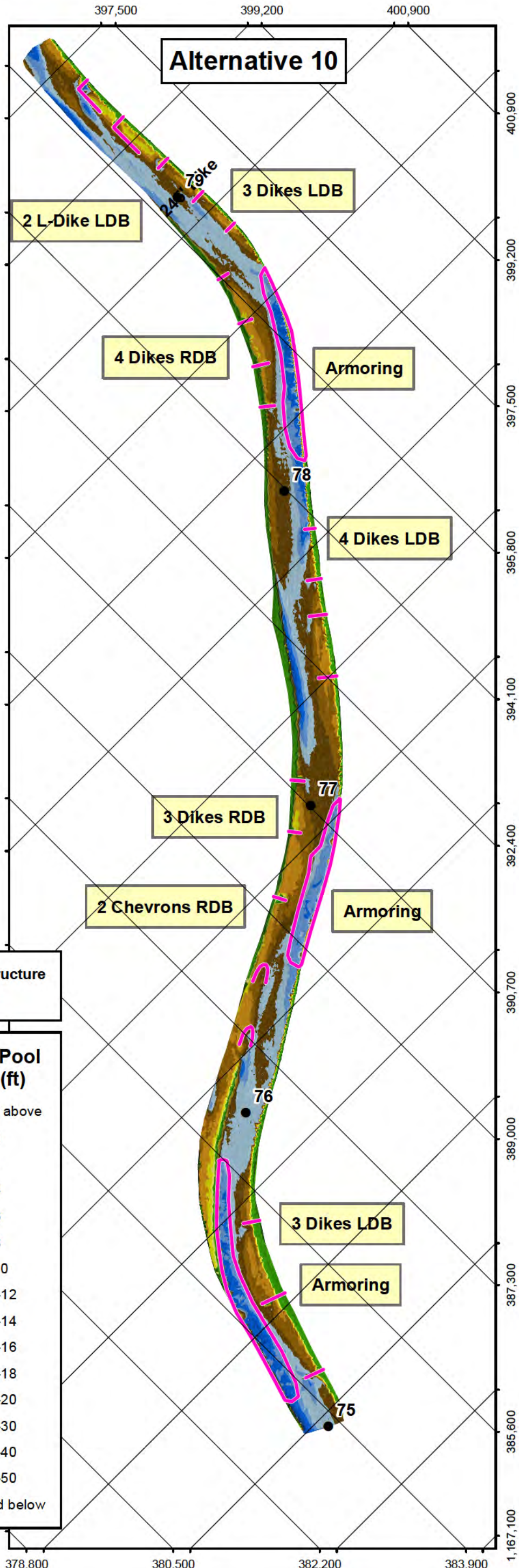
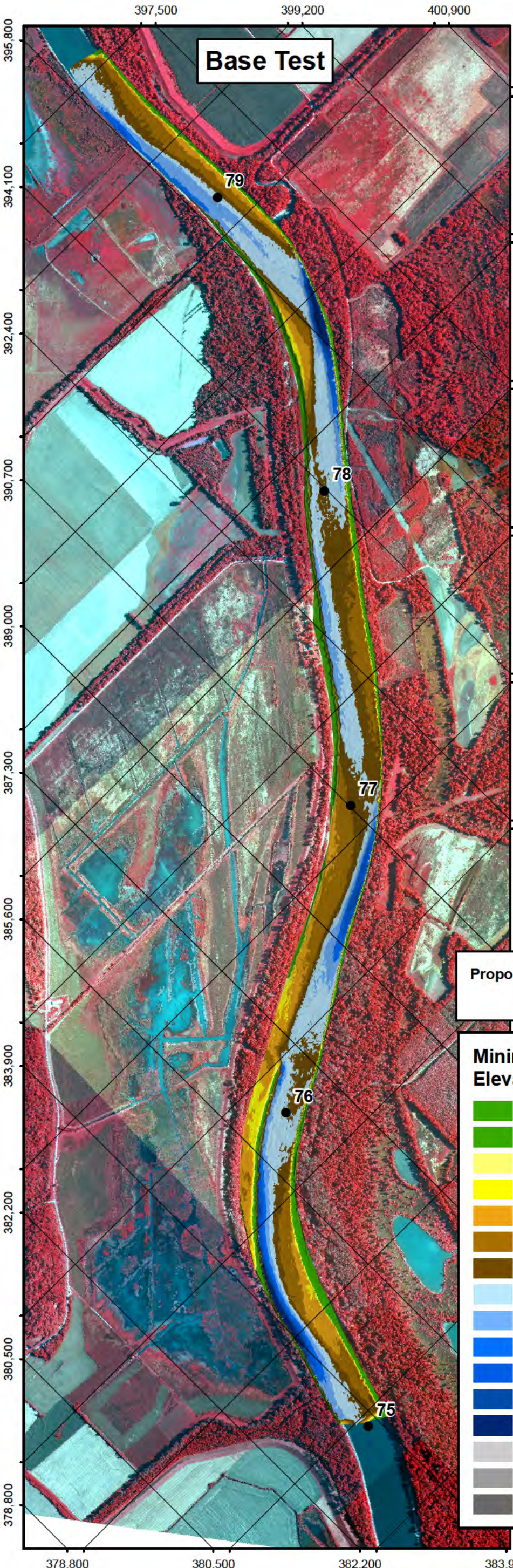
PLATE NUMBER  
24

ILLINOIS RIVER HSR MODEL  
ALTERNATIVE 9

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, P.E.
	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, P.E.
APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	PLT DATE: JULY 2009	APPROVED BY: R. DAVNROY, P.E.
	FILENAME: ...ILLINOIS RIVER HSR MODEL.MXD	







**Proposed Structure**

—

**Minimum Pool Elevation (ft)**

- 10 and above
- 10 to 0
- 0 to -2
- 2 to -4
- 4 to -6
- 6 to -8
- 8 to -10
- 10 to -12
- 12 to -14
- 14 to -16
- 16 to -18
- 18 to -20
- 20 to -30
- 30 to -40
- 40 to -50
- 50 and below

PLATE NUMBER  
25

0 850 1,700 3,400 Feet

**ILLINOIS RIVER HSR MODEL**  
ALTERNATIVE 10

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, P.E.
	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, P.E.
APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	PLT DATE: JULY 2009	APPROVED BY: R. DAV NROY, P.E.
	FILENAME: ...ILLINOIS RIVER HSR MODEL.MXD	





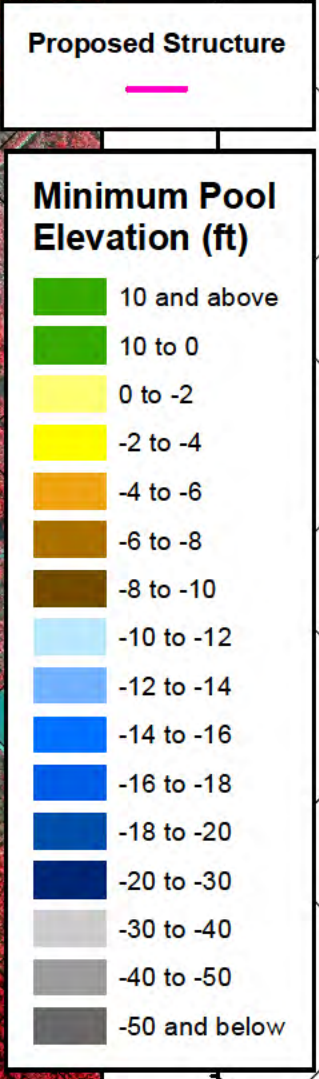
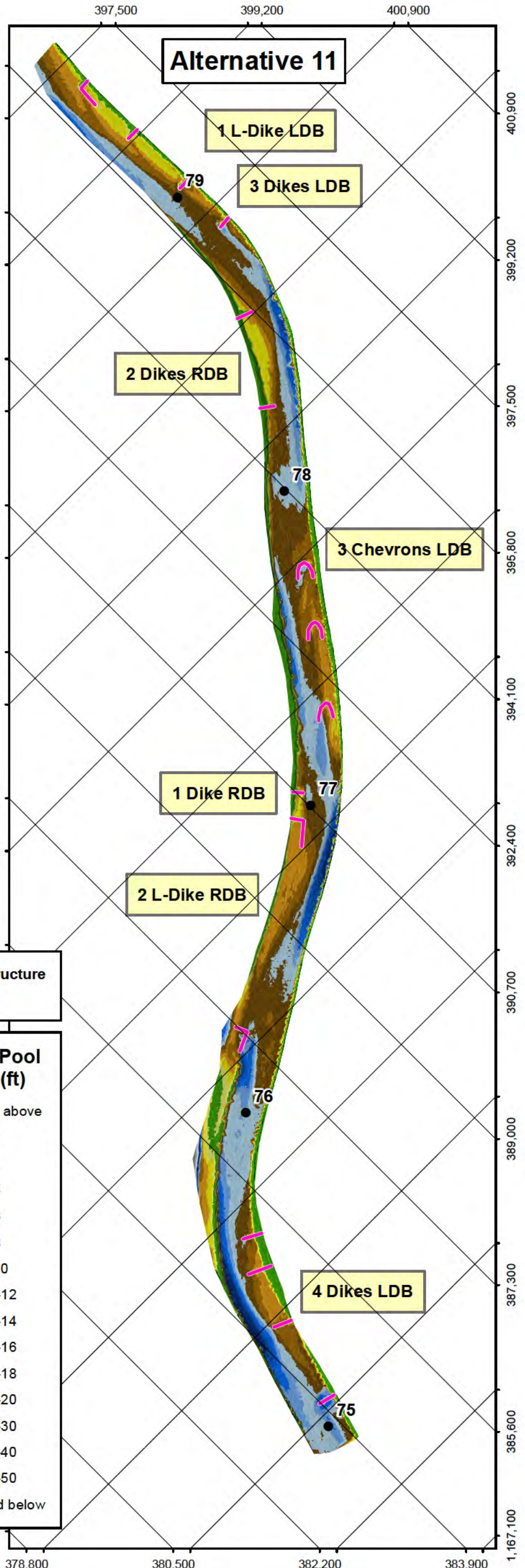
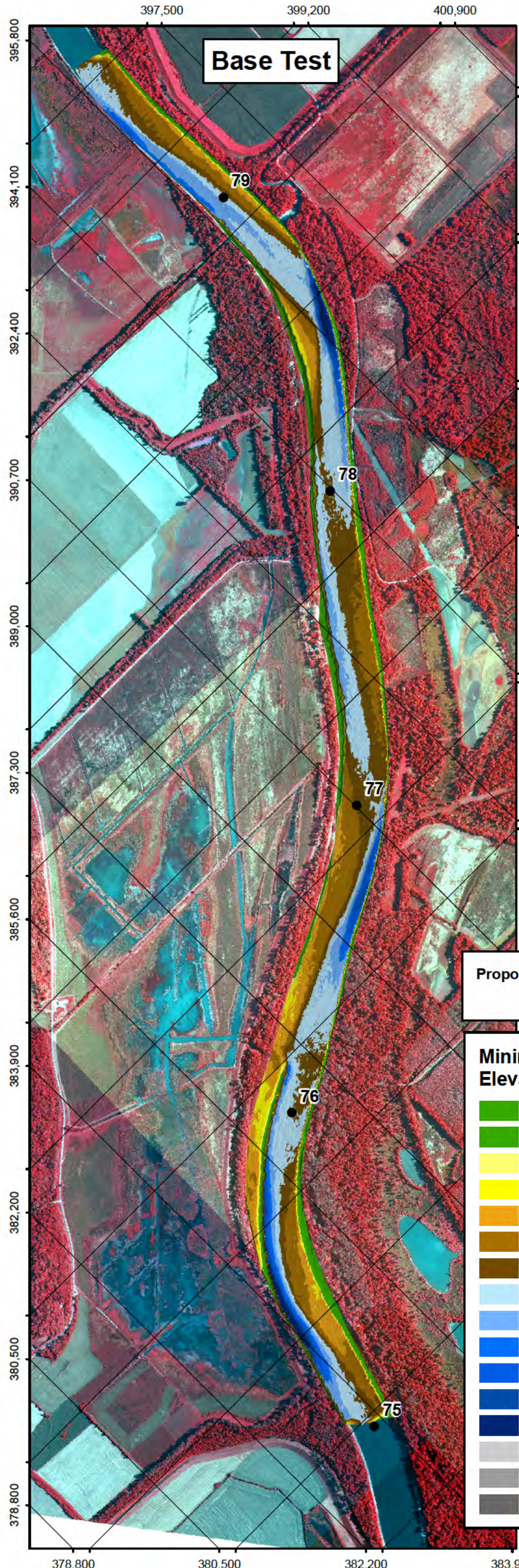


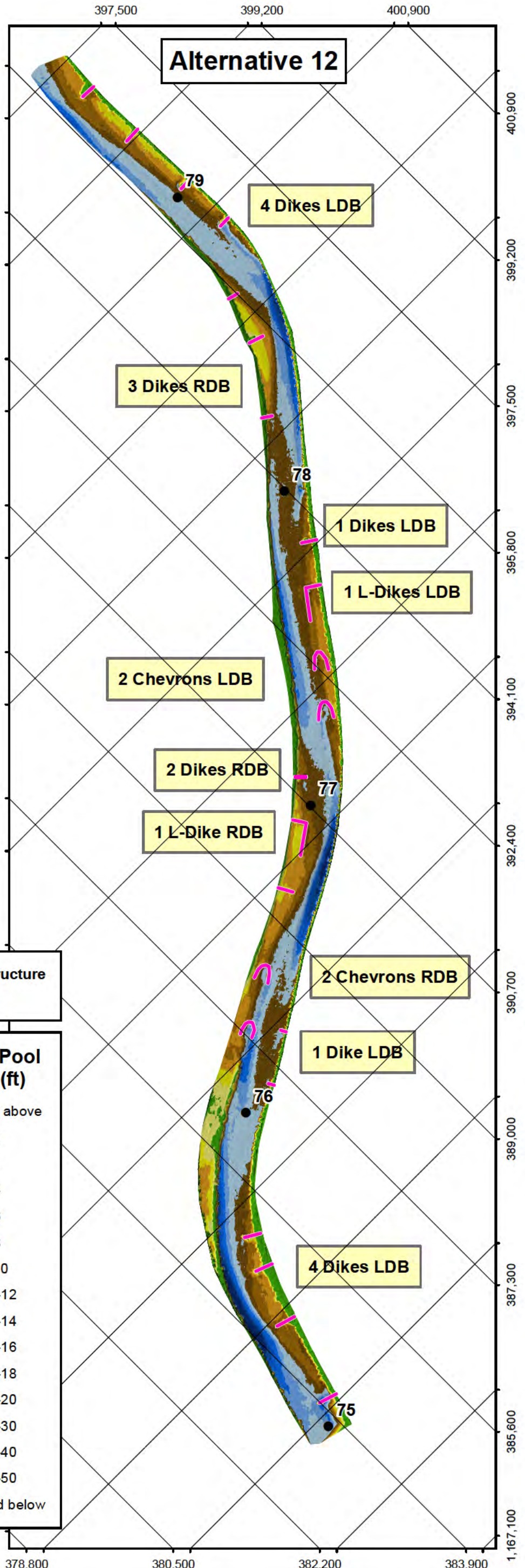
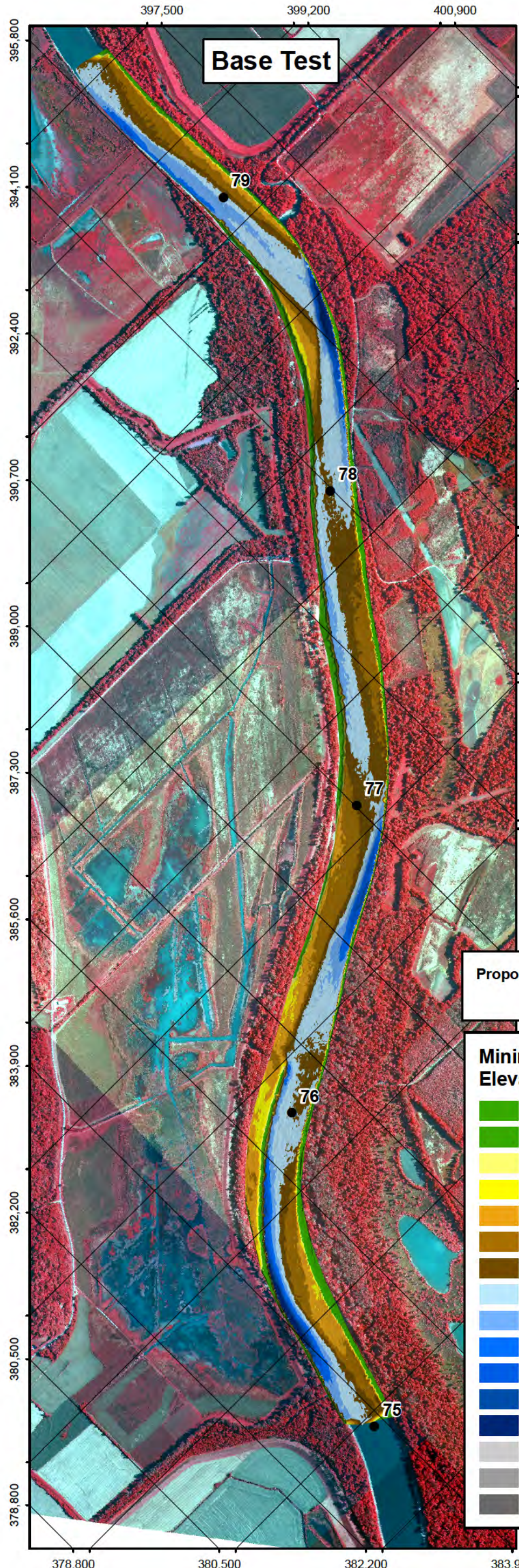
PLATE NUMBER  
26

ILLINOIS RIVER HSR MODEL  
ALTERNATIVE 11

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, PE.
	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, PE.
APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	FILE DATE: JULY 2009	APPROVED BY: R. DAVNROY, PE.
	FILENAME: ...ILLINOIS RIVER HSR MODEL.MXD	







**Proposed Structure**

—

**Minimum Pool Elevation (ft)**

- 10 and above
- 10 to 0
- 0 to -2
- 2 to -4
- 4 to -6
- 6 to -8
- 8 to -10
- 10 to -12
- 12 to -14
- 14 to -16
- 16 to -18
- 18 to -20
- 20 to -30
- 30 to -40
- 40 to -50
- 50 and below

PLATE NUMBER  
27

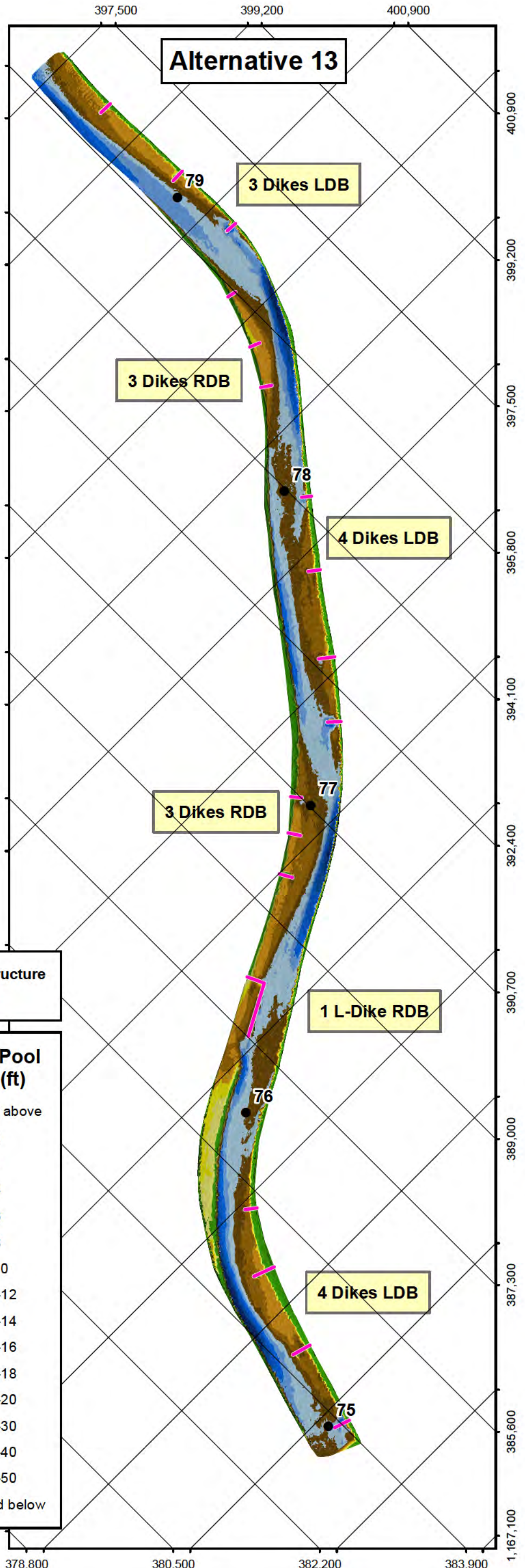
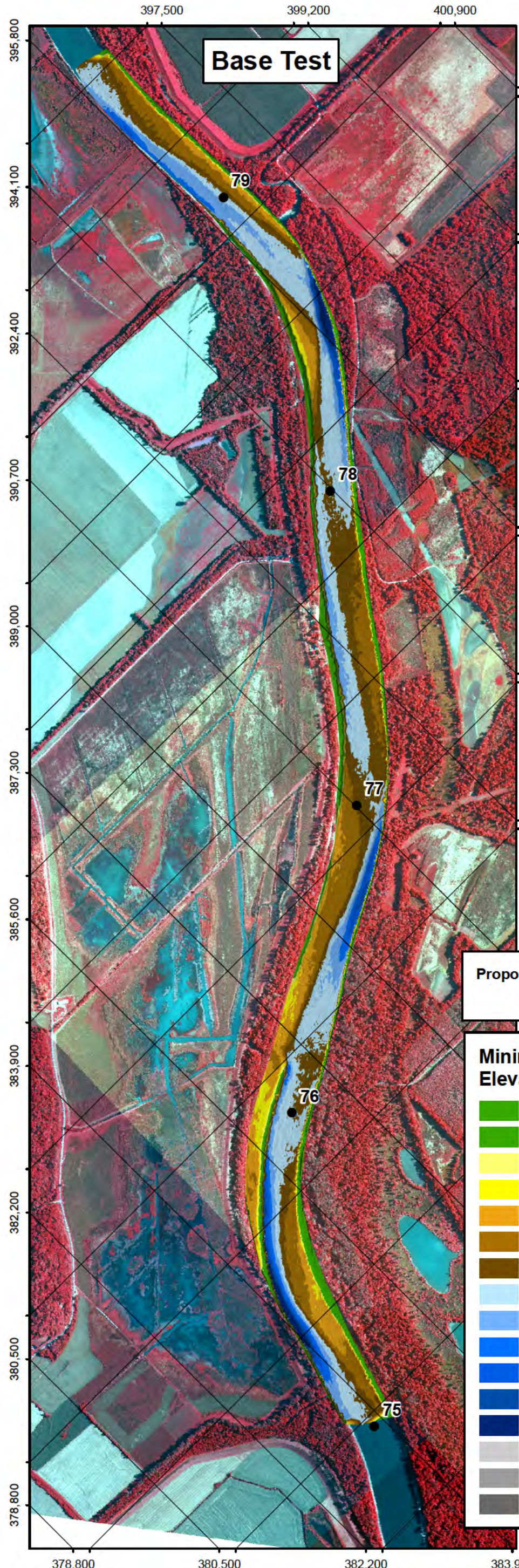
0 850 1,700 3,400 Feet

ILLINOIS RIVER HSR MODEL  
ALTERNATIVE 12

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, PE.
	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, PE.
APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	PLT DATE: JULY 2009	APPROVED BY: R. DAVNROY, PE.
	FILENAME: ...ILLINOIS RIVER HSR MODEL.MXD	







**Proposed Structure**

—

**Minimum Pool Elevation (ft)**

- 10 and above
- 10 to 0
- 0 to -2
- 2 to -4
- 4 to -6
- 6 to -8
- 8 to -10
- 10 to -12
- 12 to -14
- 14 to -16
- 16 to -18
- 18 to -20
- 20 to -30
- 30 to -40
- 40 to -50
- 50 and below

PLATE NUMBER  
28

0 850 1,700 3,400 Feet

**ILLINOIS RIVER HSR MODEL**  
ALTERNATIVE 13

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, PE.
	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, PE.
APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	PLT DATE: JULY 2009	APPROVED BY: R. DAVNROY, PE.
	FILENAME: ...ILLINOIS RIVER HSR MODEL.MXD	





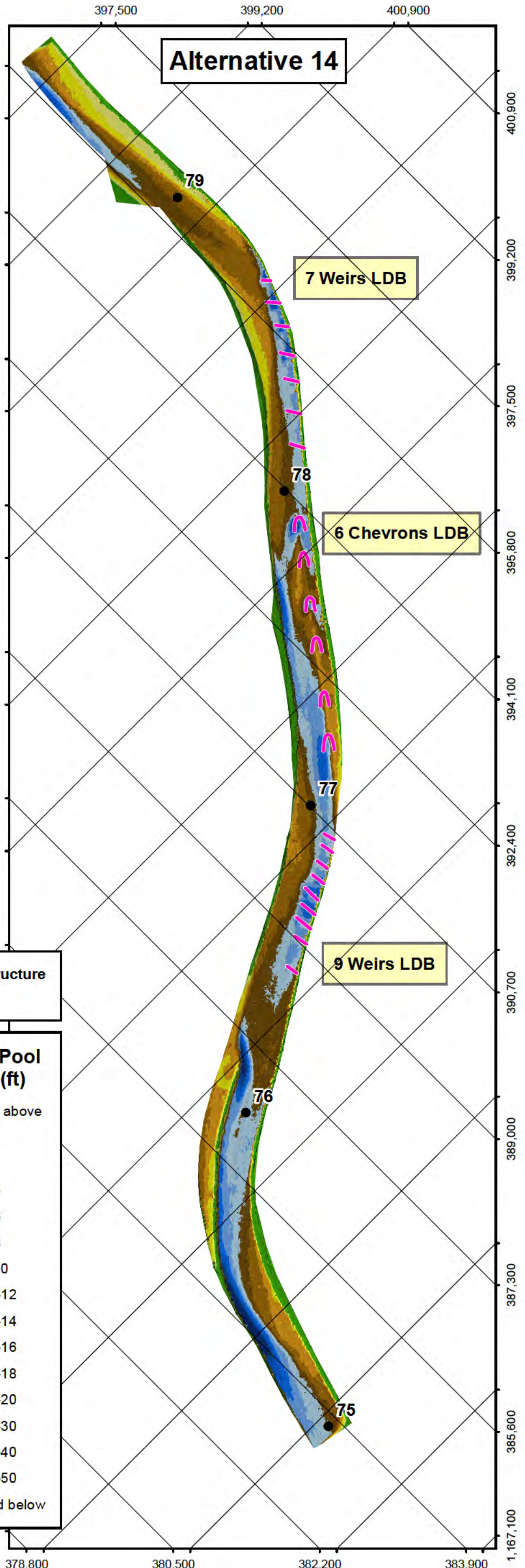
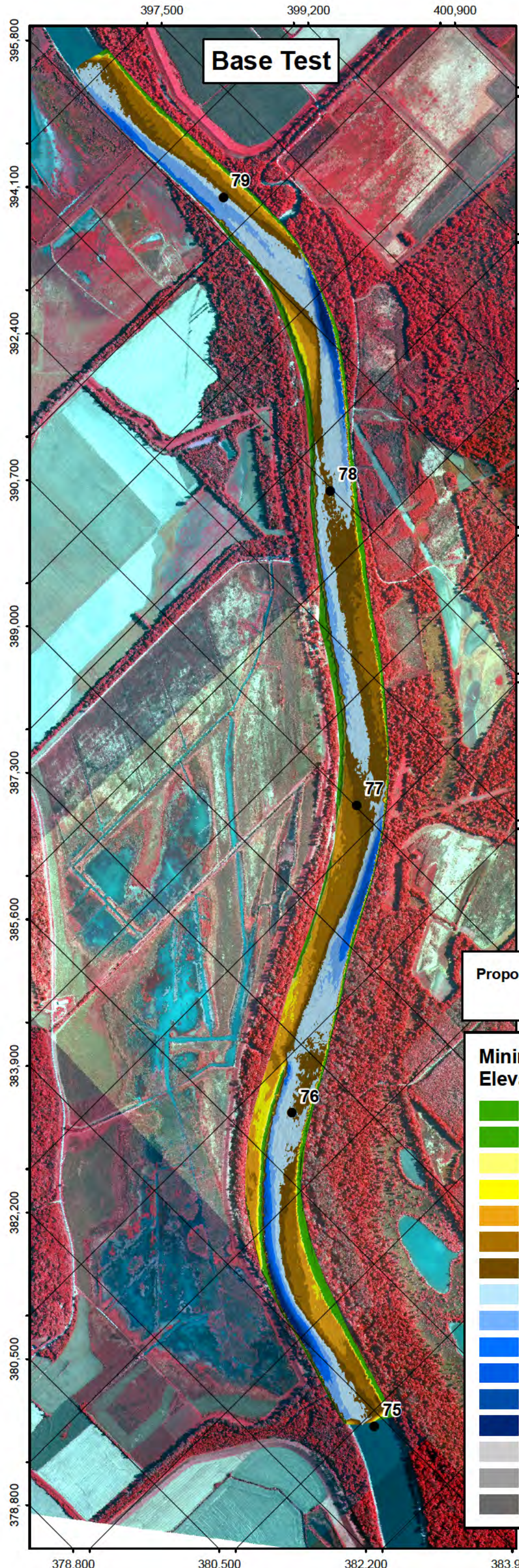


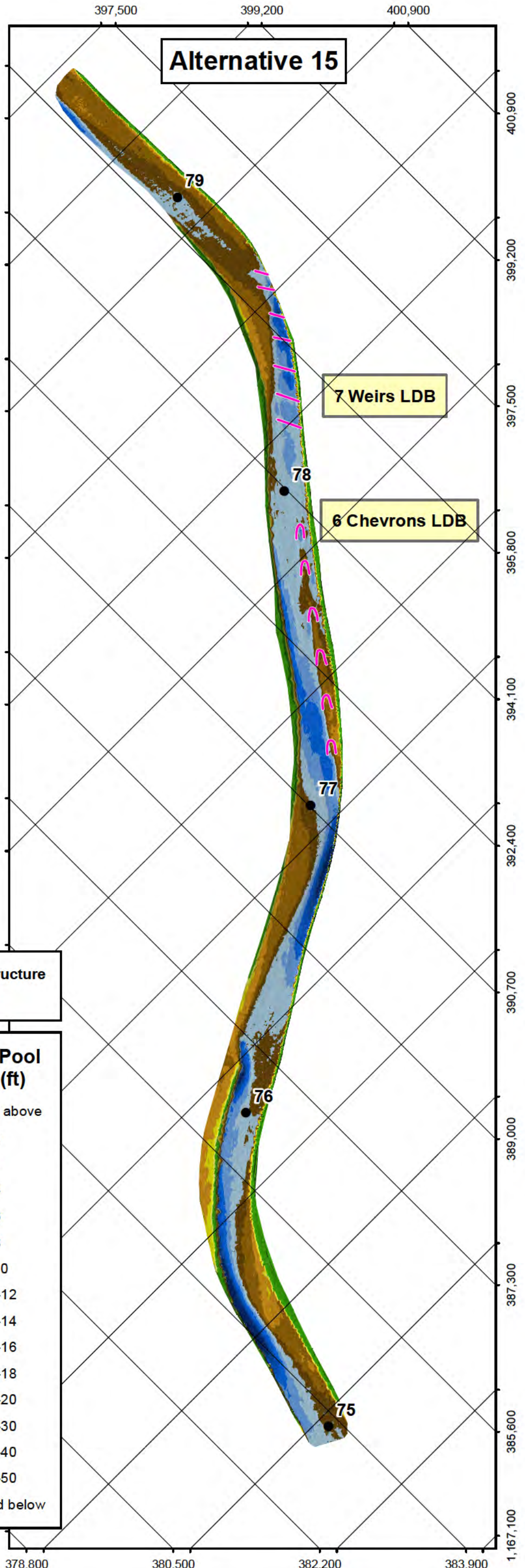
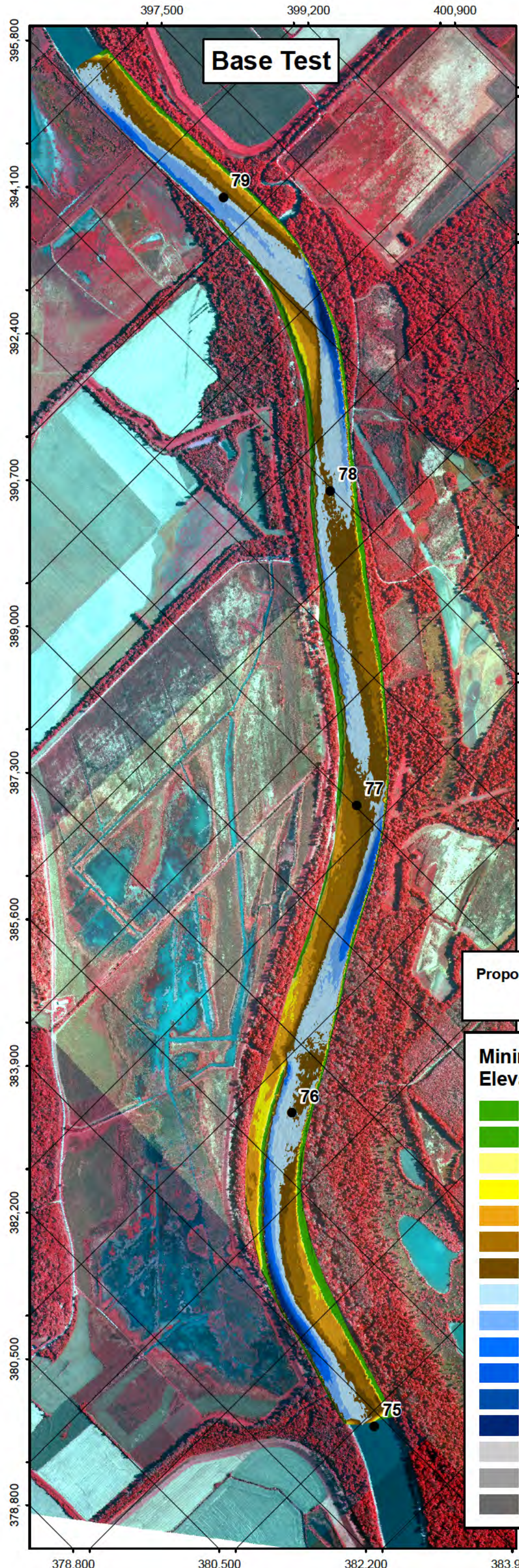
PLATE NUMBER  
29

0 850 1,700 3,400 Feet  
ILLINOIS RIVER HSR MODEL  
ALTERNATIVE 14

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, P.E.
	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, P.E.
APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	PLOT DATE: JULY 2009	APPROVED BY: R. DAVNROY, P.E.
	FILENAME: ...ILLINOIS RIVER HSR MODEL.MXD	







**Proposed Structure**

—

**Minimum Pool Elevation (ft)**

- 10 and above
- 10 to 0
- 0 to -2
- 2 to -4
- 4 to -6
- 6 to -8
- 8 to -10
- 10 to -12
- 12 to -14
- 14 to -16
- 16 to -18
- 18 to -20
- 20 to -30
- 30 to -40
- 40 to -50
- 50 and below

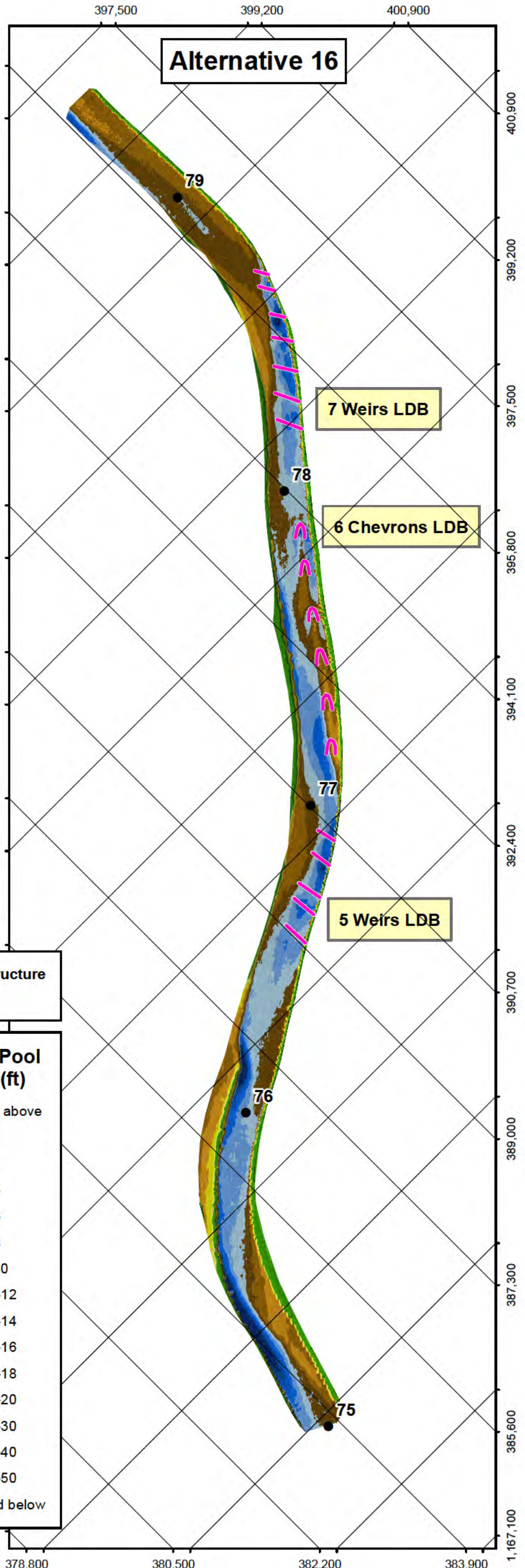
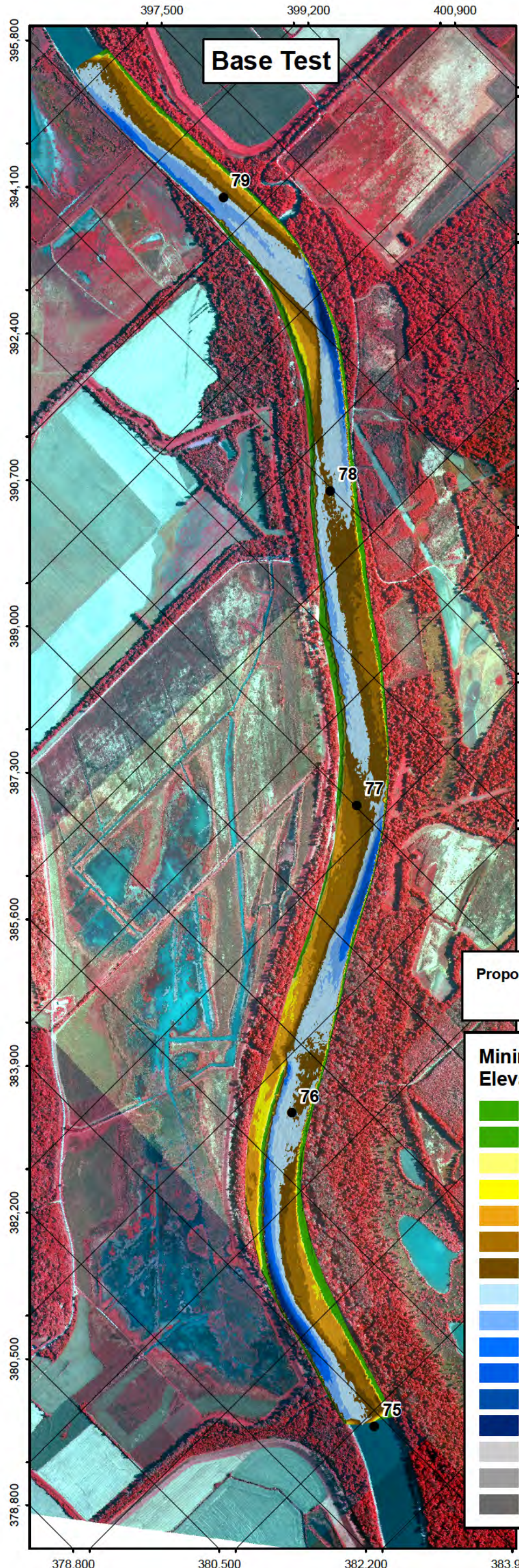
PLATE NUMBER  
30

0 850 1,700 3,400 Feet  
ILLINOIS RIVER HSR MODEL  
ALTERNATIVE 15

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, PE.
	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, PE.
APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	PLT DATE: JULY 2009	APPROVED BY: R. DAV NROY, PE.
	FILENAME: ...ILLINOIS RIVER HSR MODEL.MXD	







**Proposed Structure**

—

**Minimum Pool Elevation (ft)**

- 10 and above
- 10 to 0
- 0 to -2
- 2 to -4
- 4 to -6
- 6 to -8
- 8 to -10
- 10 to -12
- 12 to -14
- 14 to -16
- 16 to -18
- 18 to -20
- 20 to -30
- 30 to -40
- 40 to -50
- 50 and below

PLATE NUMBER  
31

ILLINOIS RIVER HSR MODEL  
ALTERNATIVE 16

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, P.E.
	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, P.E.
APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	DATE: JULY 2009	APPROVED BY: R. DAV NROY, P.E.
	FILENAME: ...ILLINOIS RIVER HSR MODEL.MXD	





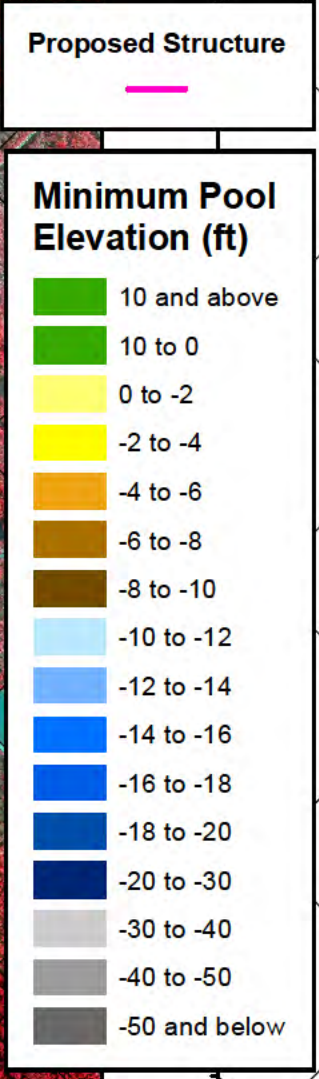
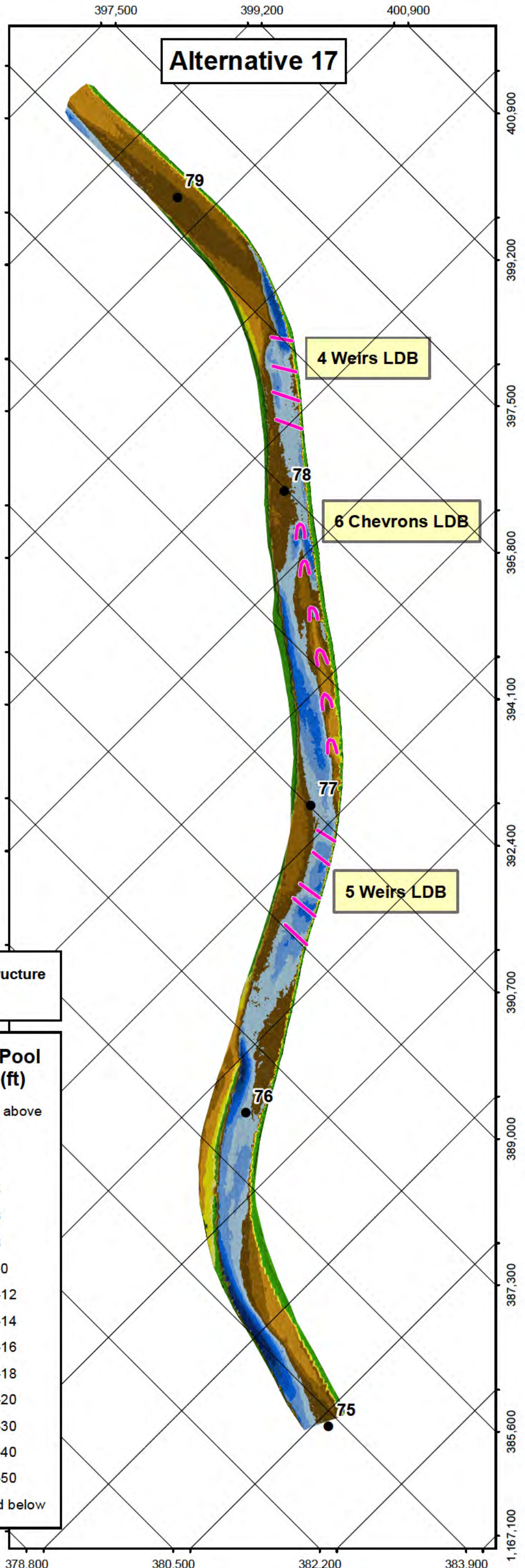
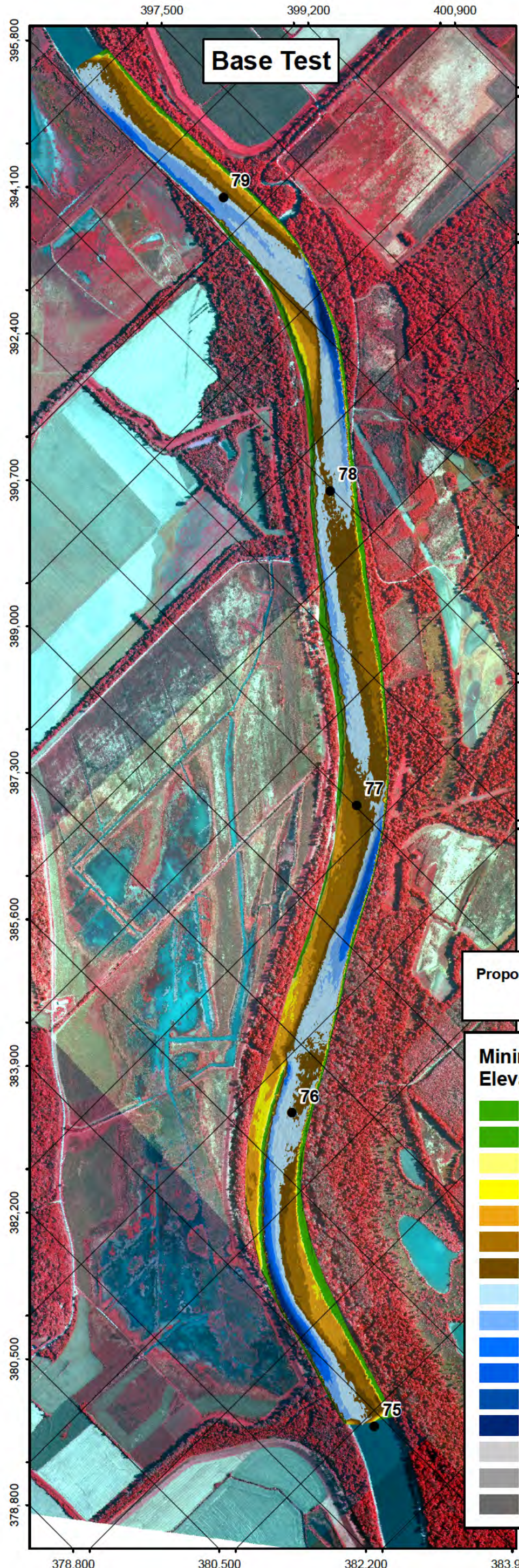


PLATE NUMBER  
32

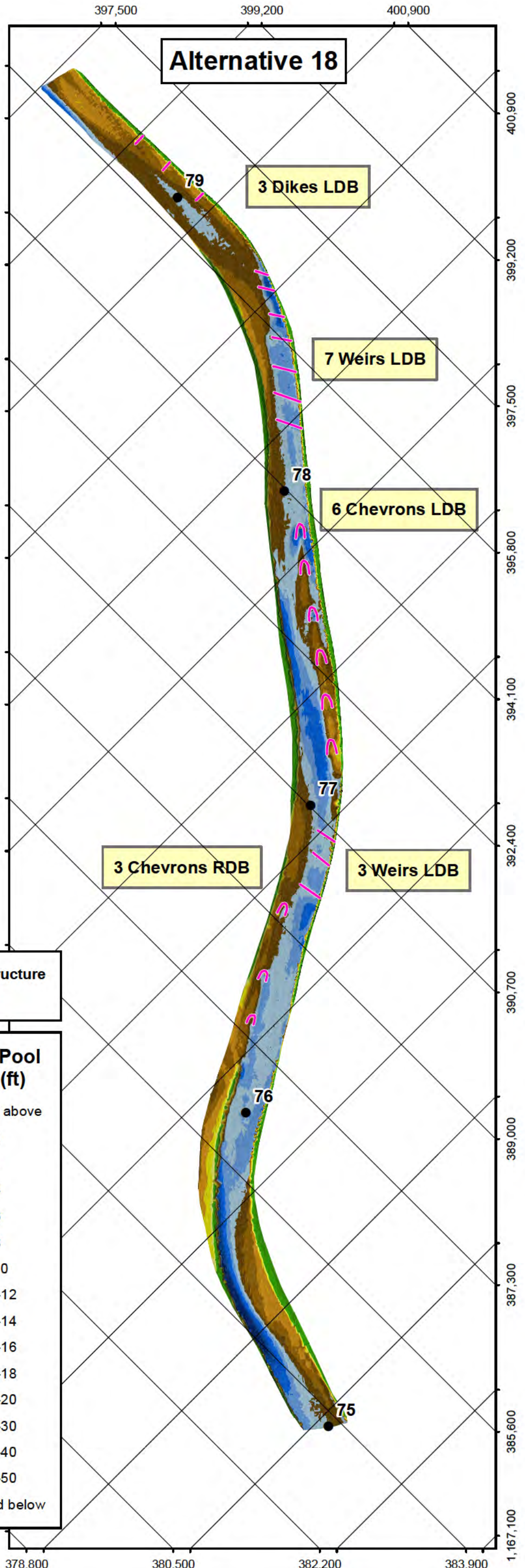
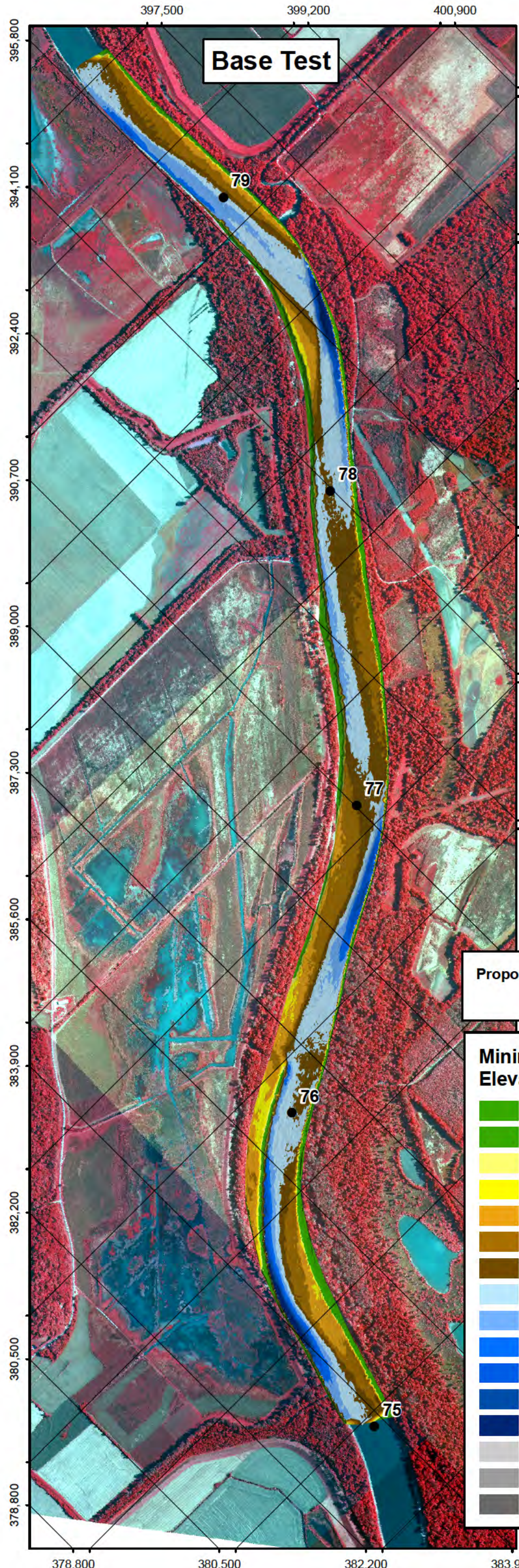
0 850 1,700 3,400 Feet

**ILLINOIS RIVER HSR MODEL**  
ALTERNATIVE 17

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, PE.
	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, PE.
APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	PLT DATE: JULY 2009	APPROVED BY: R. DAV NROY, PE.
	FILENAME: ...ILLINOIS RIVER HSR MODEL.MXD	







**Proposed Structure**

—

**Minimum Pool Elevation (ft)**

- 10 and above
- 10 to 0
- 0 to -2
- 2 to -4
- 4 to -6
- 6 to -8
- 8 to -10
- 10 to -12
- 12 to -14
- 14 to -16
- 16 to -18
- 18 to -20
- 20 to -30
- 30 to -40
- 40 to -50
- 50 and below

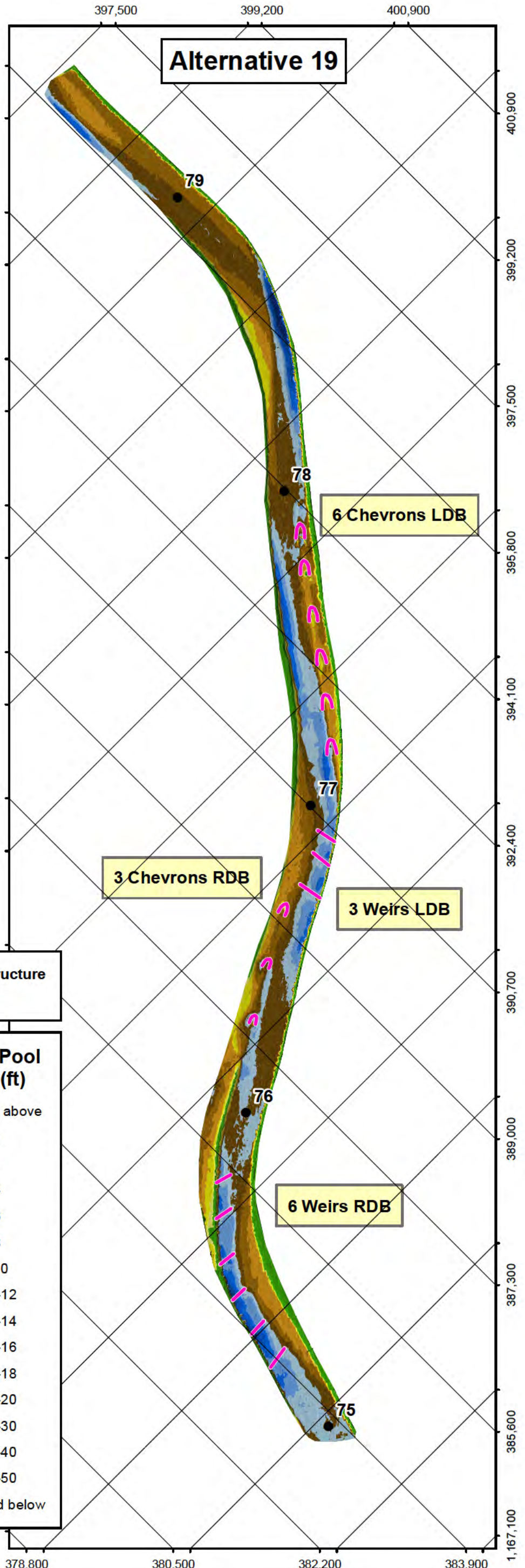
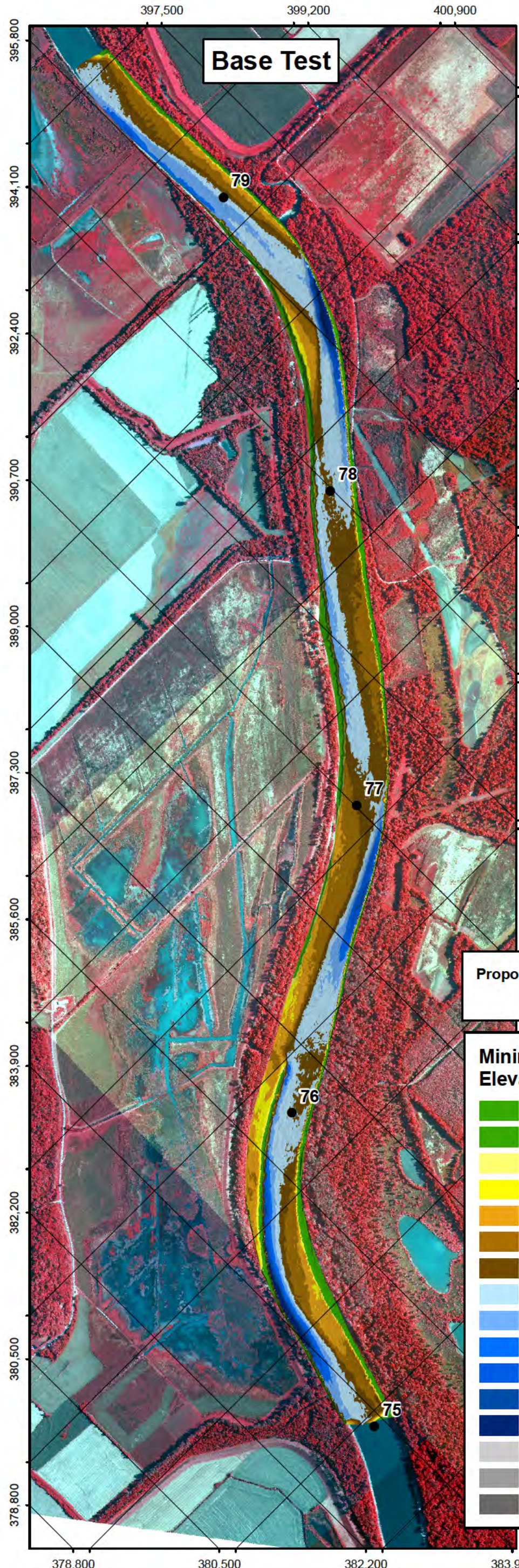
PLATE NUMBER  
33

ILLINOIS RIVER HSR MODEL  
ALTERNATIVE 18

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, PE.
	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, PE.
APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	PLT DATE: JULY 2009	APPROVED BY: R. DAVNROY, PE.
	FILENAME: ...ILLINOIS RIVER HSR MODEL.MXD	







**Proposed Structure**

—

**Minimum Pool Elevation (ft)**

- 10 and above
- 10 to 0
- 0 to -2
- 2 to -4
- 4 to -6
- 6 to -8
- 8 to -10
- 10 to -12
- 12 to -14
- 14 to -16
- 16 to -18
- 18 to -20
- 20 to -30
- 30 to -40
- 40 to -50
- 50 and below

PLATE NUMBER  
34

ILLINOIS RIVER HSR MODEL  
ALTERNATIVE 19

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, P.E.
	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, P.E.
APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	PLT DATE: JULY 2009	APPROVED BY: R. DAVNROY, P.E.
	FILENAME: ...ILLINOIS RIVER HSR MODEL.MXD	





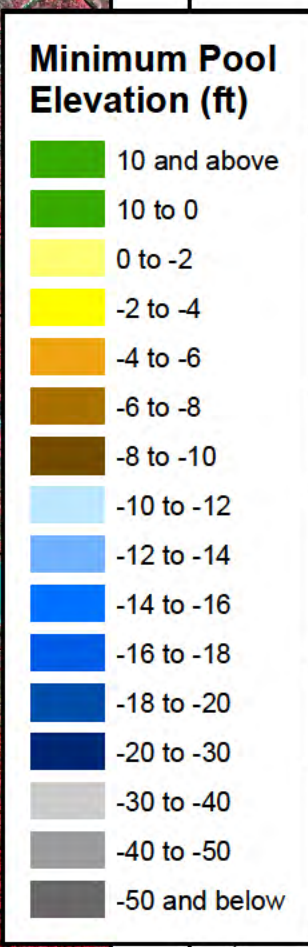
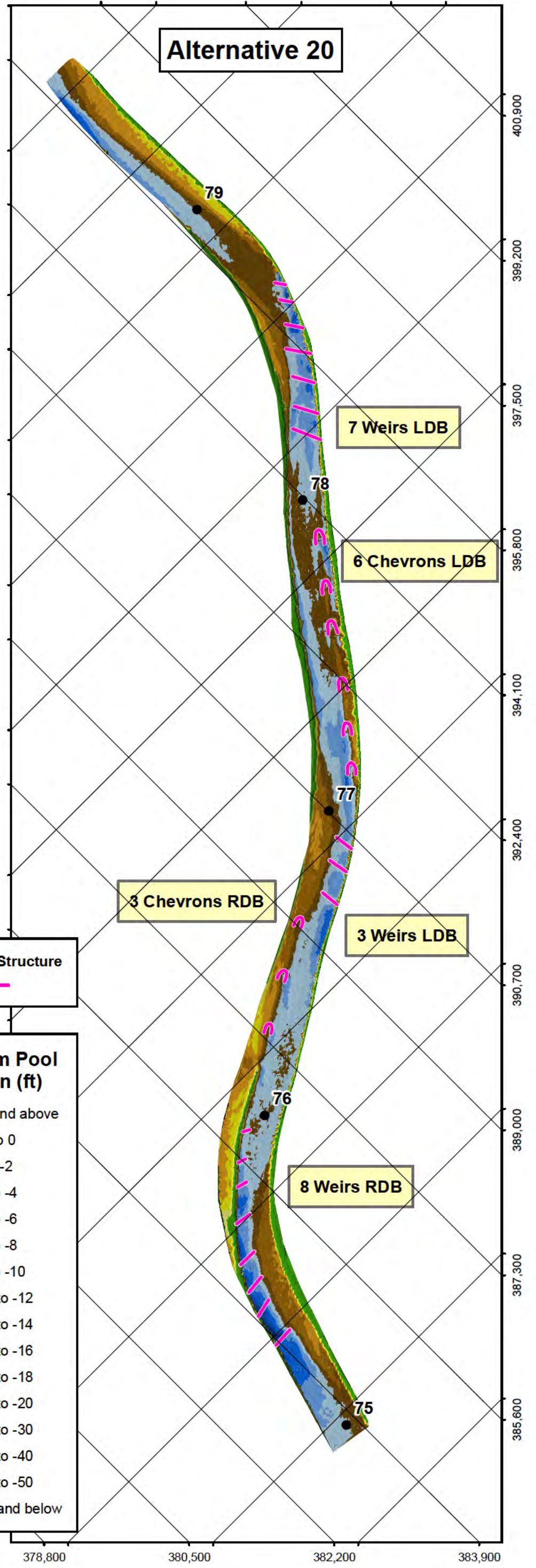
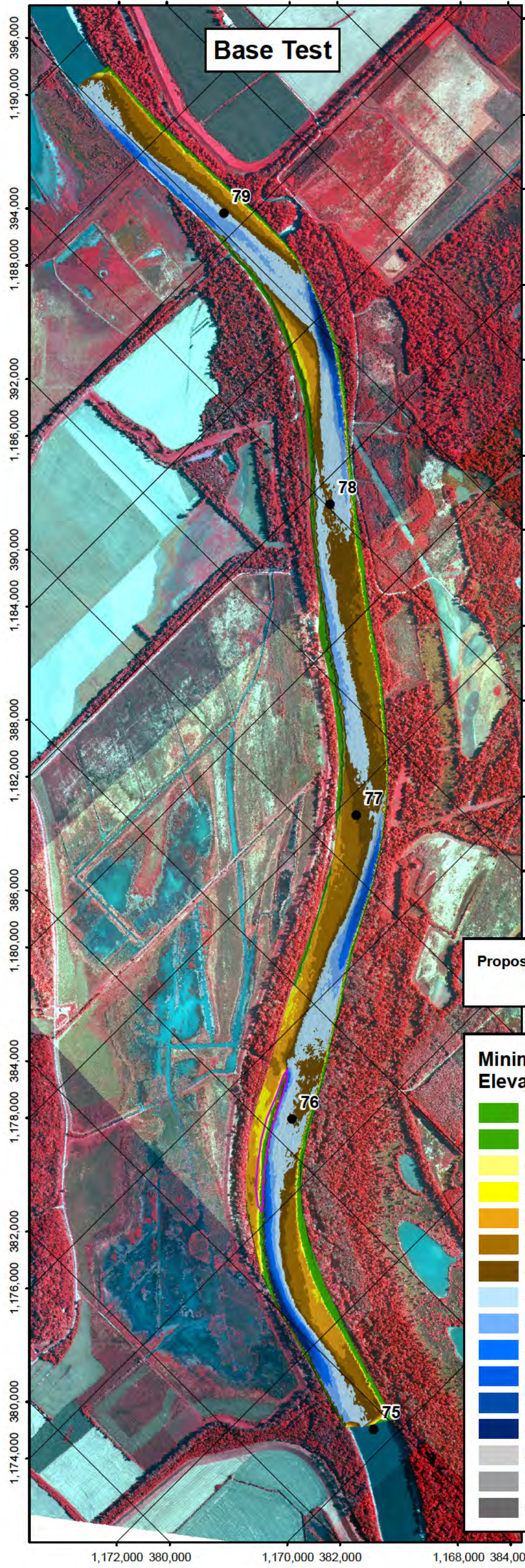


PLATE NUMBER  
35

0 850 1,700 3,400 Feet  
ILLINOIS RIVER HSR MODEL  
ALTERNATIVE 20

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, P.E.
	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, P.E.
APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	PLLOT DATE: JULY 2009	APPROVED BY: R. DAVINROY, P.E.
	FILE NAME: ILLINOIS RIVER HSR MODEL.MXD	





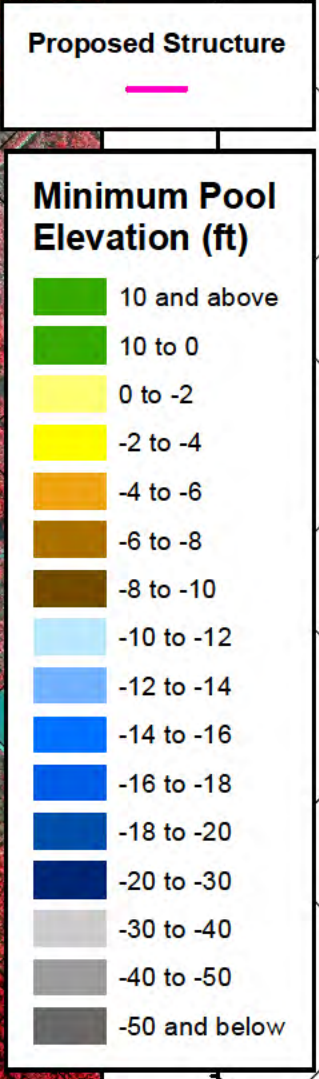
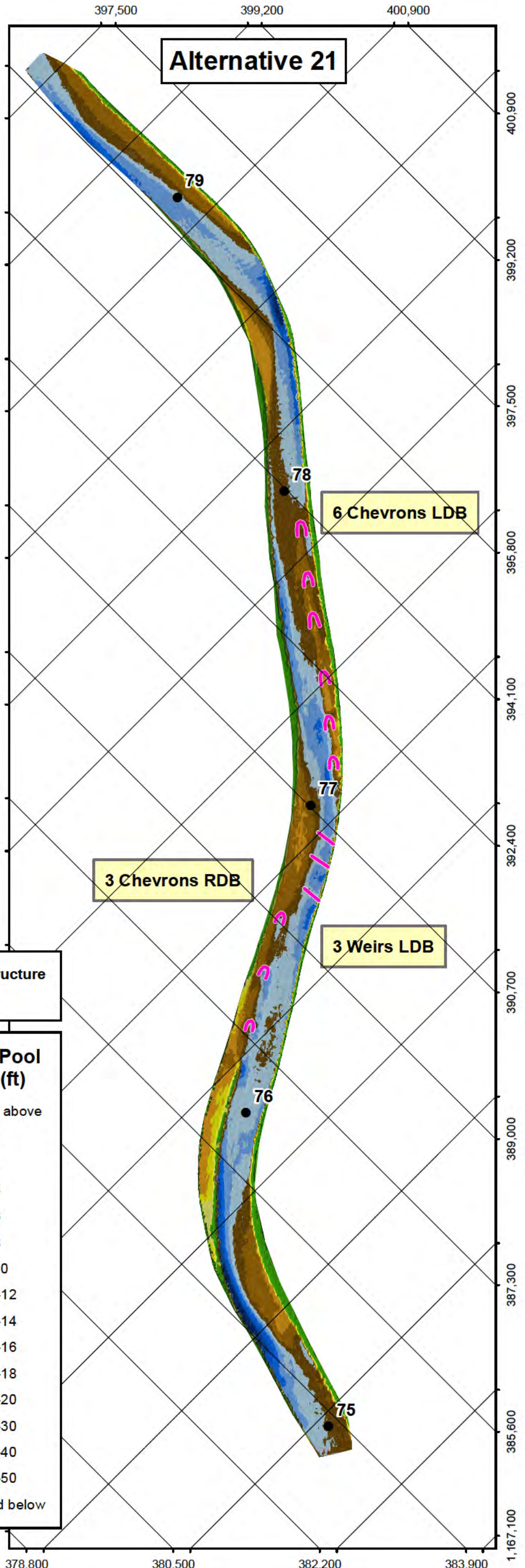
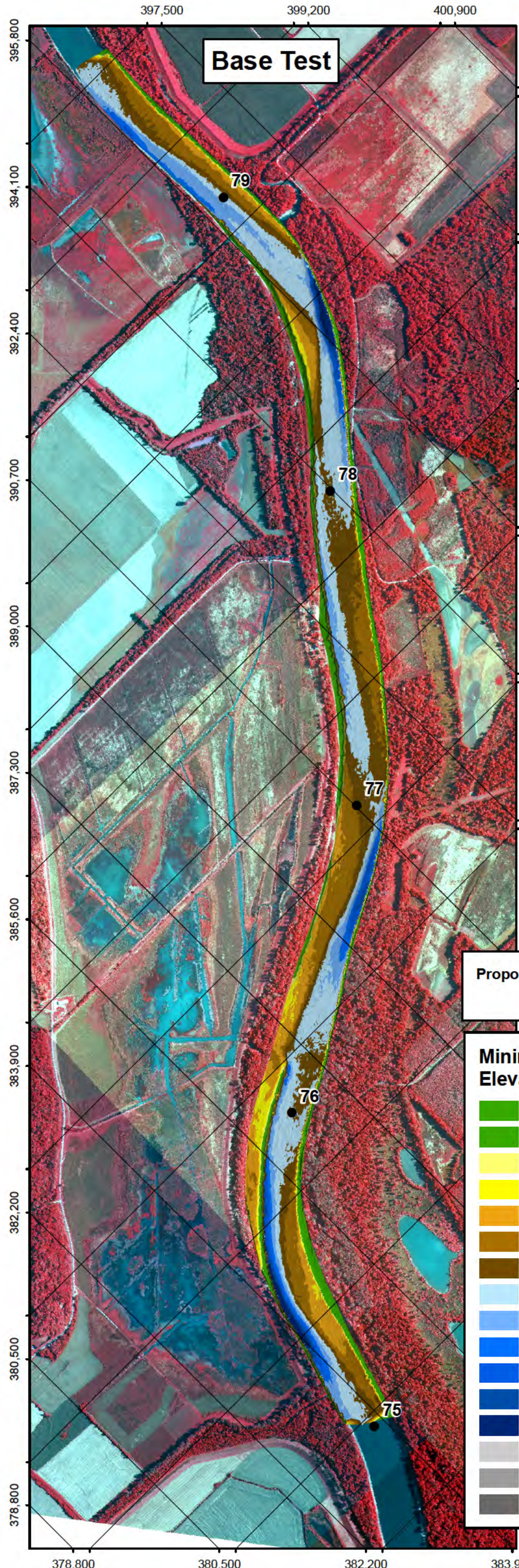


PLATE NUMBER  
36

ILLINOIS RIVER HSR MODEL  
ALTERNATIVE 21

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, P.E.
	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, P.E.
APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	PLT DATE: JULY 2009	APPROVED BY: R. DAVNROY, P.E.
	FILENAME: ...ILLINOIS RIVER HSR MODEL.MXD	





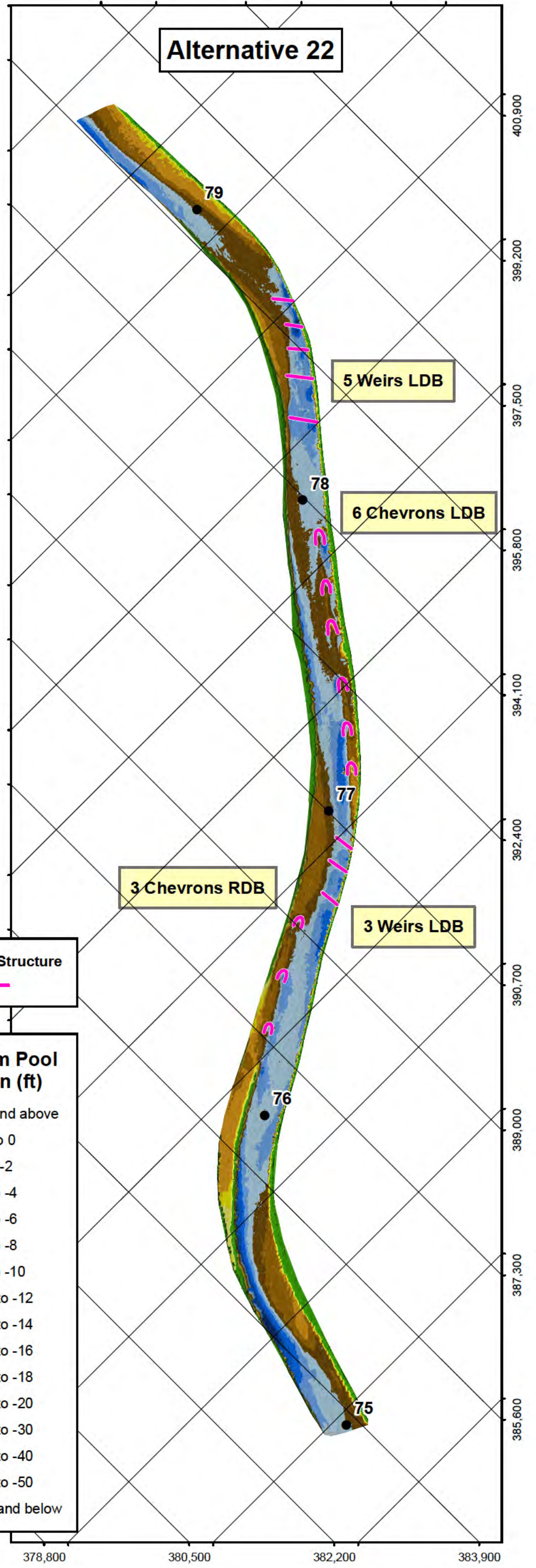
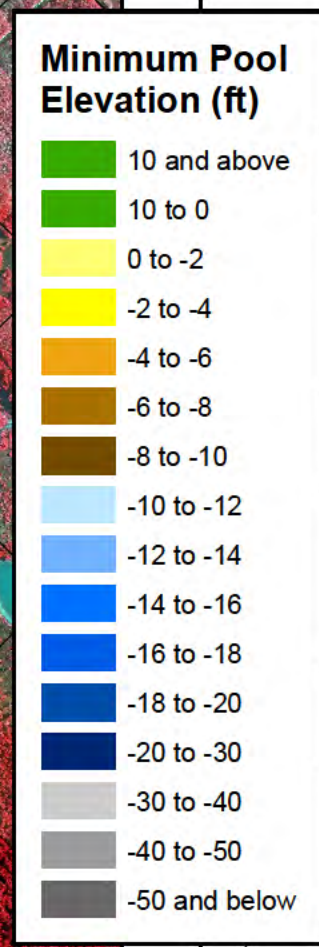
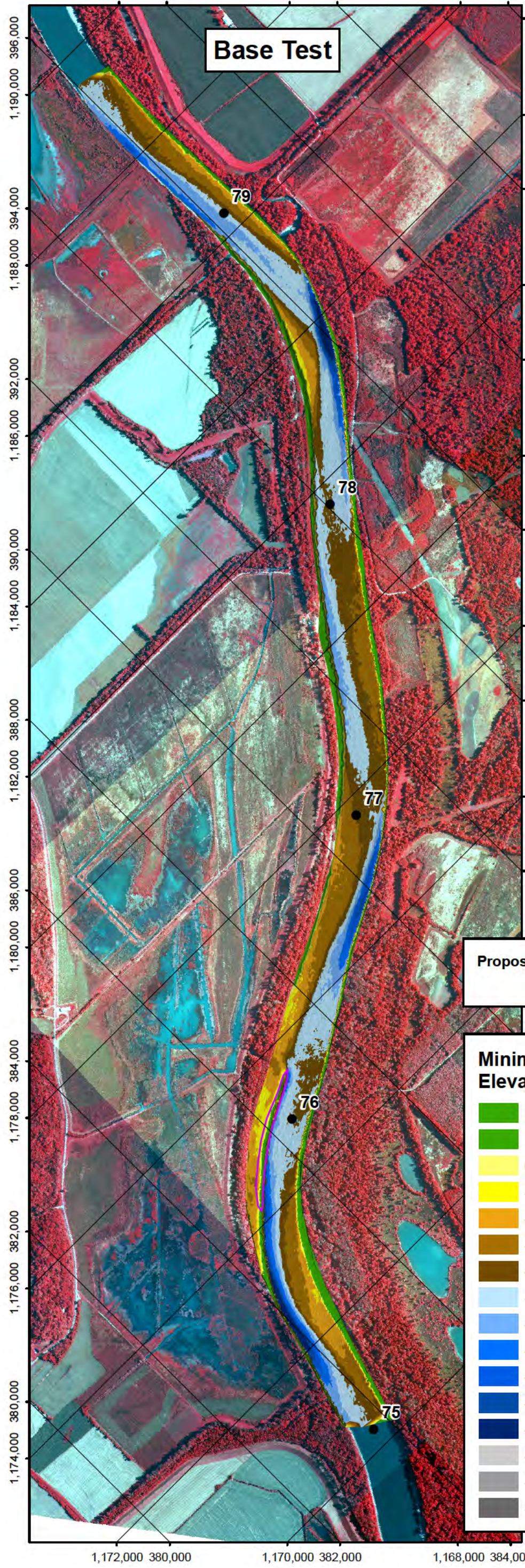


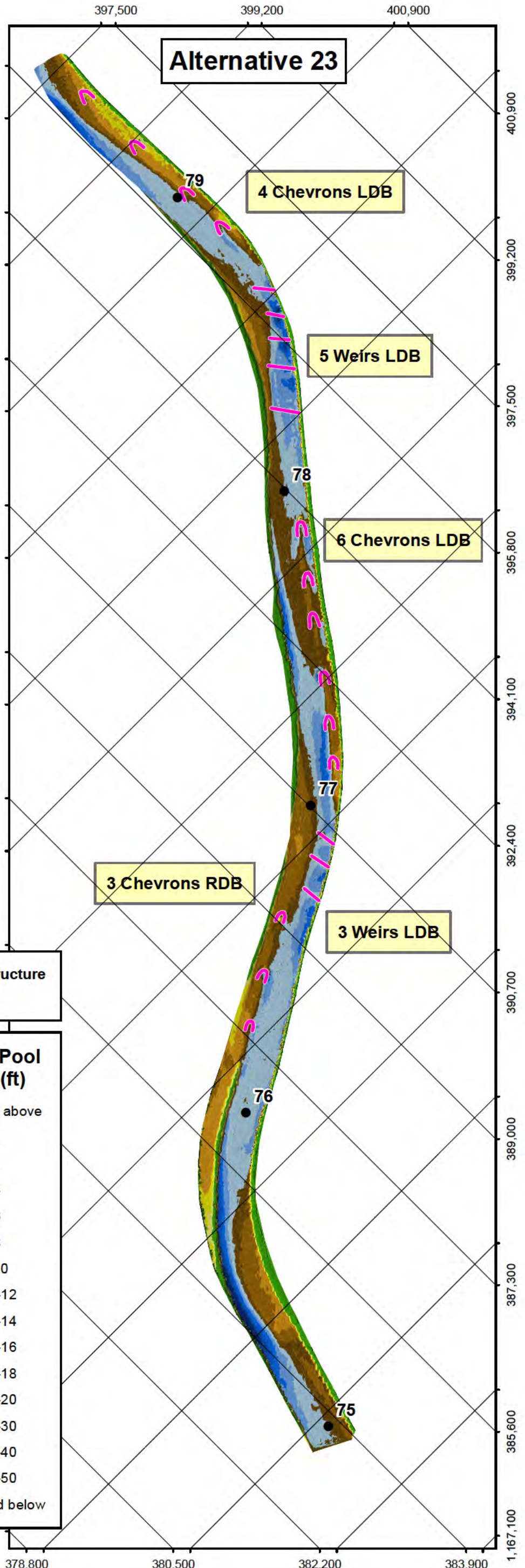
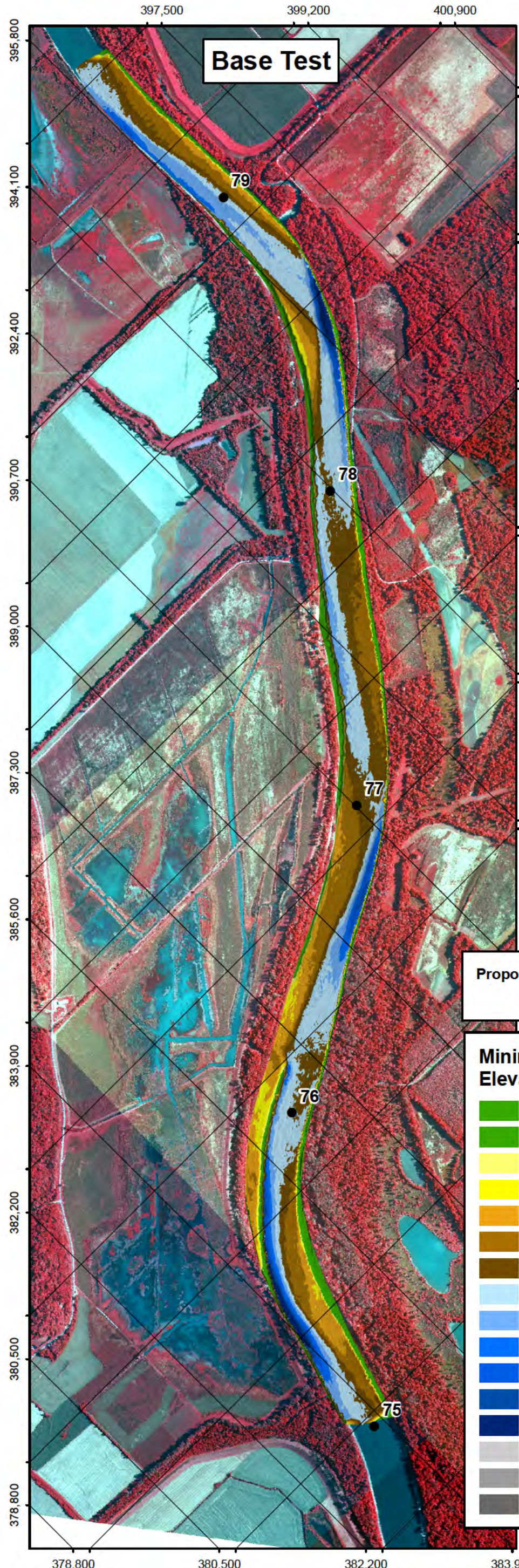
PLATE NUMBER  
37

0 850 1,700 3,400 Feet  
ILLINOIS RIVER HSR MODEL  
ALTERNATIVE 22

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, P.E.
	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, P.E.
APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	DATE: JULY 2009	APPROVED BY: R. DAVINROY, P.E.
	FILE NAME: ILLINOIS RIVER HSR MODEL.MXD	







**Proposed Structure**

**Minimum Pool Elevation (ft)**

- 10 and above
- 10 to 0
- 0 to -2
- 2 to -4
- 4 to -6
- 6 to -8
- 8 to -10
- 10 to -12
- 12 to -14
- 14 to -16
- 16 to -18
- 18 to -20
- 20 to -30
- 30 to -40
- 40 to -50
- 50 and below

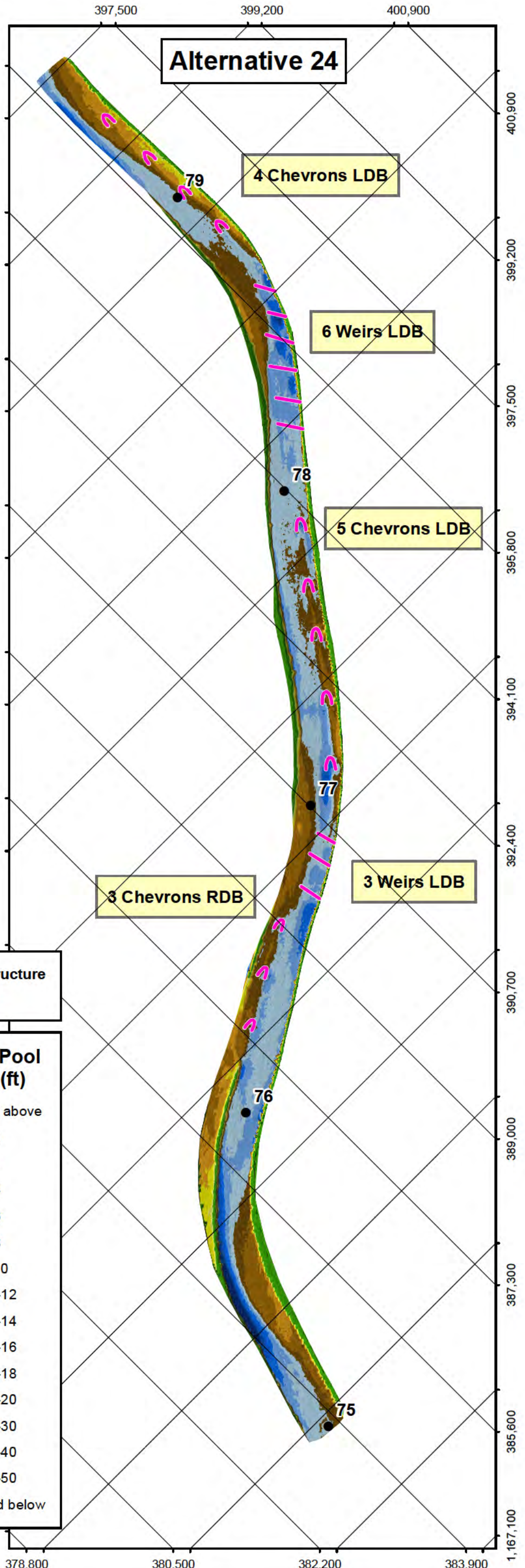
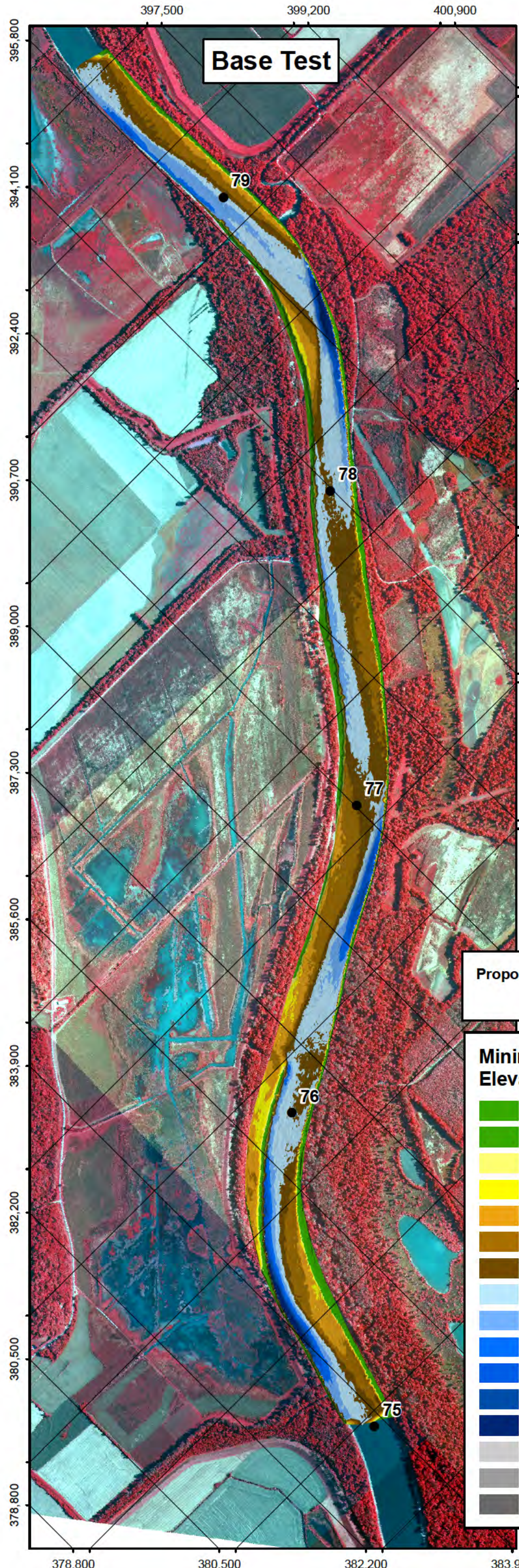
PLATE NUMBER  
37

0 850 1,700 3,400 Feet  
 ILLINOIS RIVER HSR MODEL  
 ALTERNATIVE 23

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, P.E.
	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, P.E.
APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	PLT DATE: JULY 2009	APPROVED BY: R. DAVNROY, P.E.
	FILENAME: ...ILLINOIS RIVER HSR MODEL.MXD	







**Proposed Structure**

—

**Minimum Pool Elevation (ft)**

- 10 and above
- 10 to 0
- 0 to -2
- 2 to -4
- 4 to -6
- 6 to -8
- 8 to -10
- 10 to -12
- 12 to -14
- 14 to -16
- 16 to -18
- 18 to -20
- 20 to -30
- 30 to -40
- 40 to -50
- 50 and below

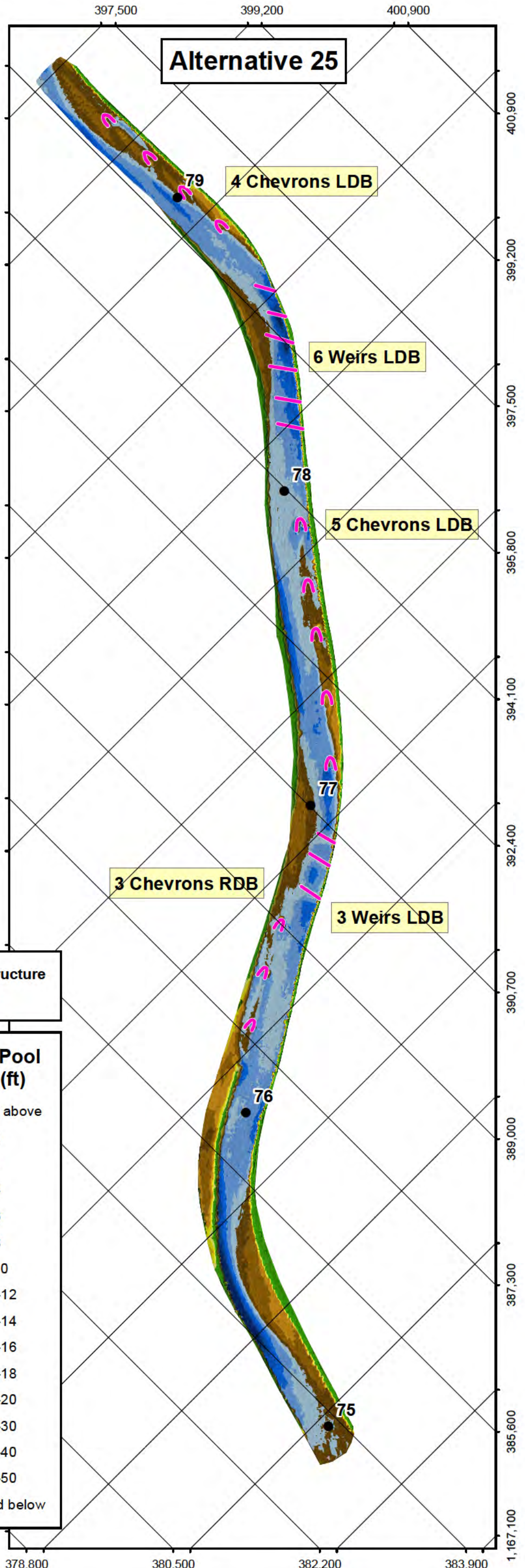
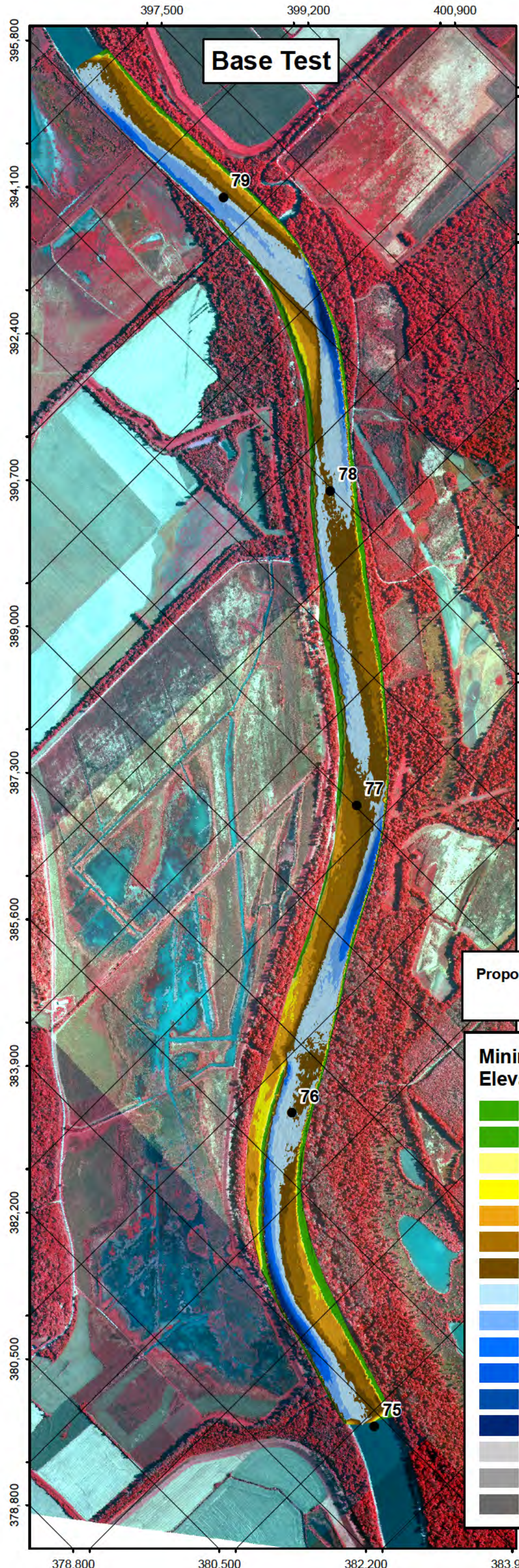
PLATE NUMBER  
39

ILLINOIS RIVER HSR MODEL  
Alternative 24

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, P.E.
	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, P.E.
APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	PLT DATE: JULY 2009	APPROVED BY: R. DAV NROY, P.E.
	FILENAME: ...ILLINOIS RIVER HSR MODEL.MXD	







**Proposed Structure**

—

**Minimum Pool Elevation (ft)**

- 10 and above
- 10 to 0
- 0 to -2
- 2 to -4
- 4 to -6
- 6 to -8
- 8 to -10
- 10 to -12
- 12 to -14
- 14 to -16
- 16 to -18
- 18 to -20
- 20 to -30
- 30 to -40
- 40 to -50
- 50 and below

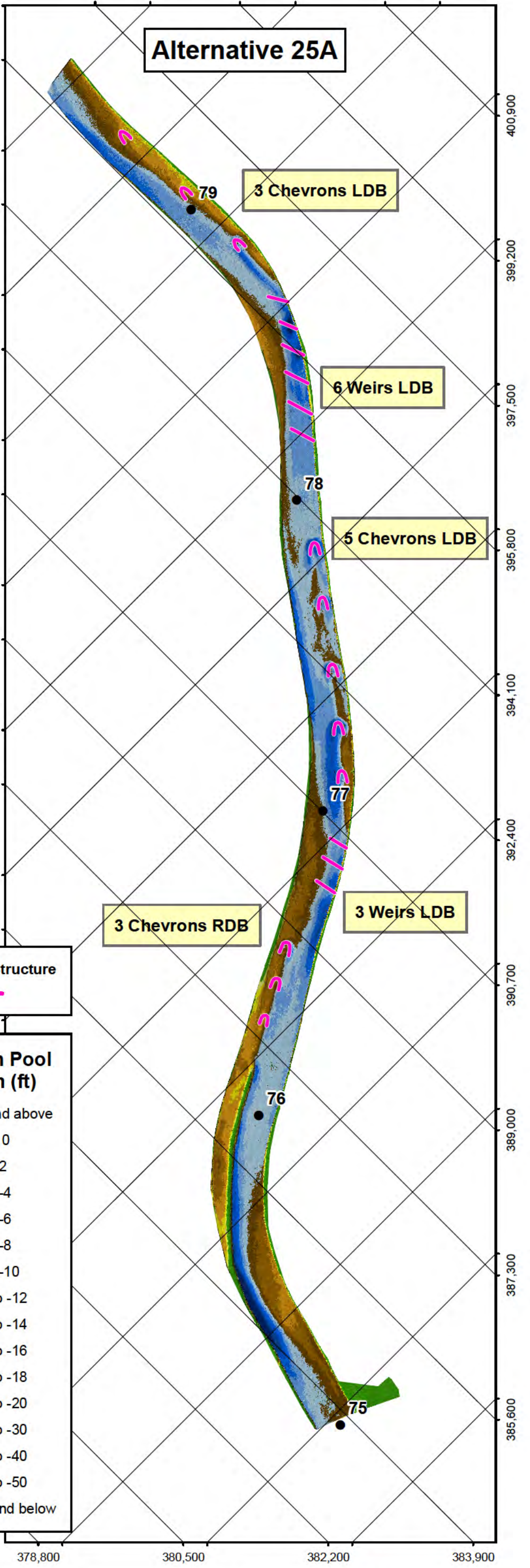
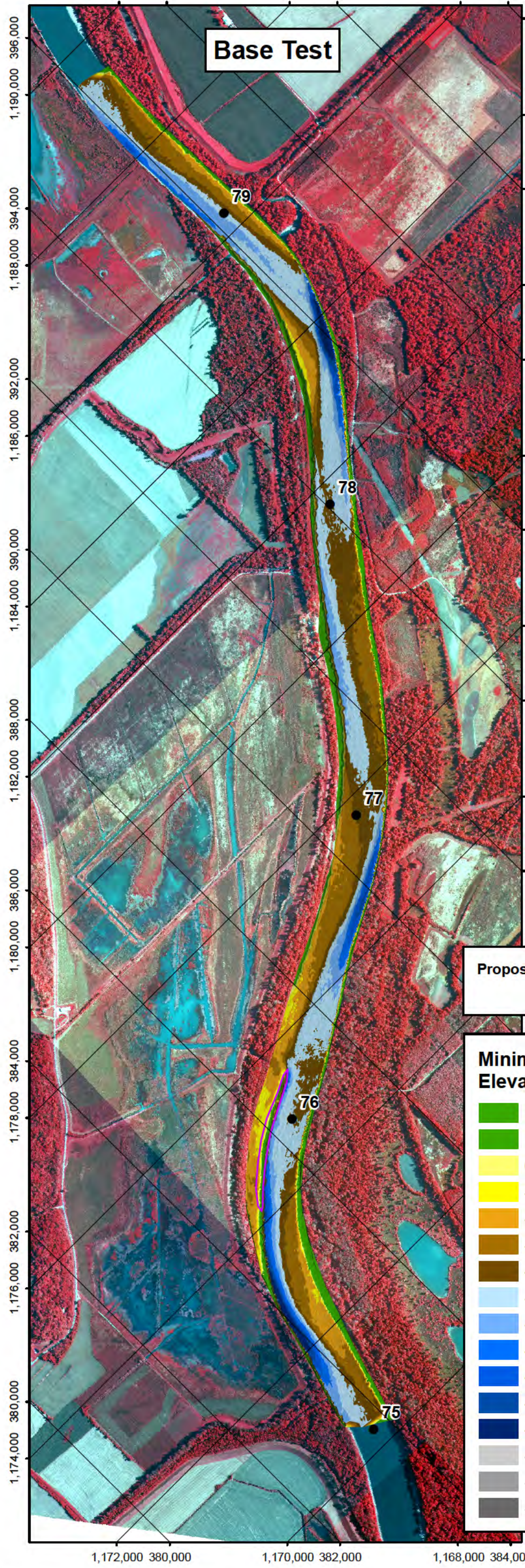
PLATE NUMBER  
40

ILLINOIS RIVER HSR MODEL  
Alternative 25

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, P.E.
	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, P.E.
APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	PLT DATE: JULY 2009	APPROVED BY: R. DAV NROY, P.E.
	FILENAME: ...ILLINOIS RIVER HSR MODEL.MXD	







**Proposed Structure**  

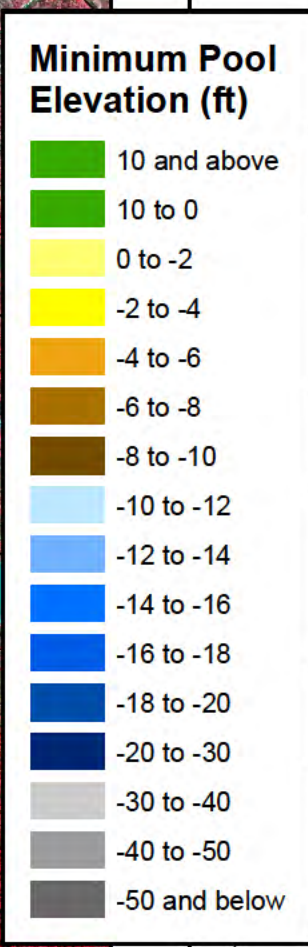
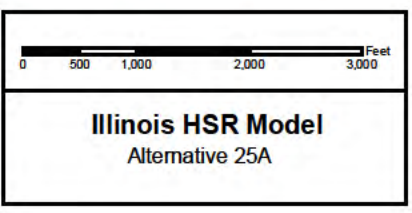



PLATE  
NUMBER  
41

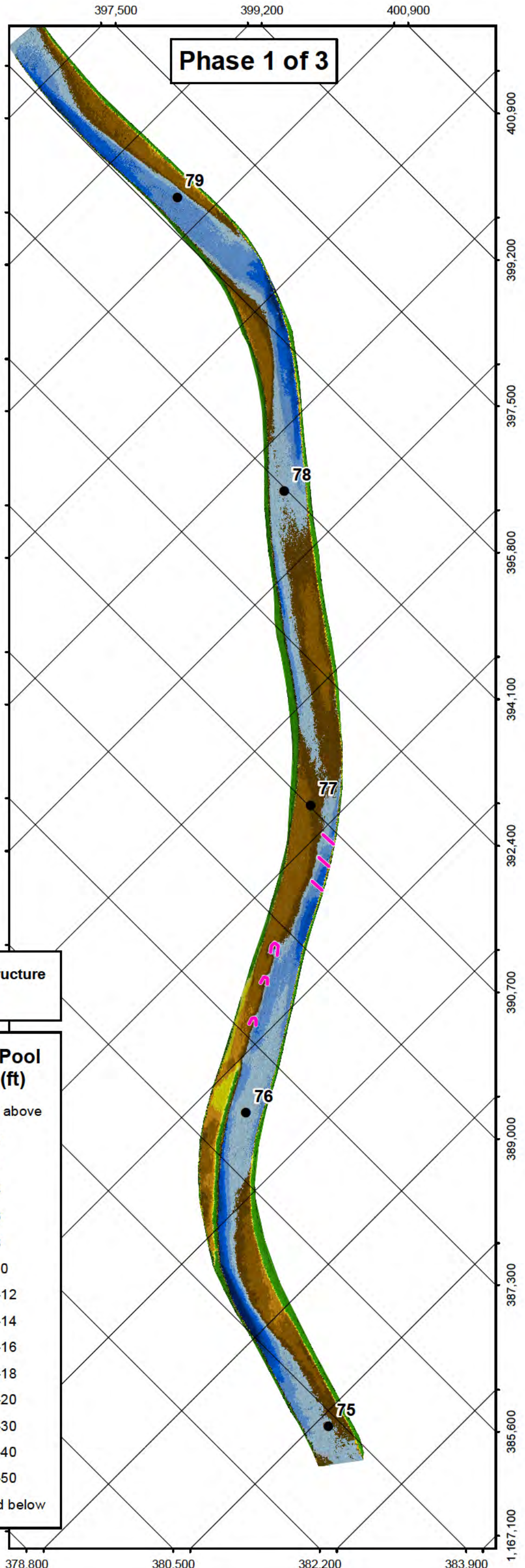
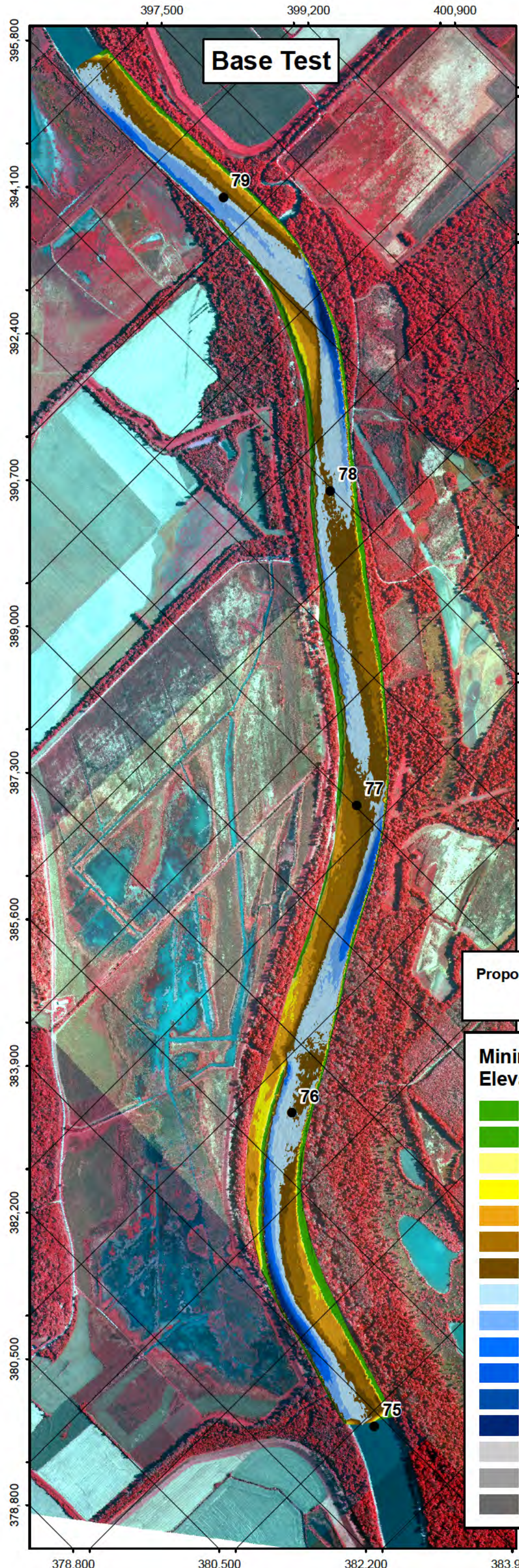


U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI  Illinois River Basin St. Louis District Illinois River South of LaGrange L&D HSR Model	DESIGNED BY: I NGUYEN	SURVEY DATE: 07/14/2010	
	DRAWN BY: I NGUYEN	REVIEWED BY: J BROWN, P.E.	CHECKED BY: E BRAUER, P.E.
	SUBMITTED BY: I NGUYEN	APPROVED BY: R DAVINROY, P.E.	
	FILE NAME: ... Illinois River\Plates	PLOT DATE: 2010	







**Proposed Structure**

—

**Minimum Pool Elevation (ft)**

- 10 and above
- 10 to 0
- 0 to -2
- 2 to -4
- 4 to -6
- 6 to -8
- 8 to -10
- 10 to -12
- 12 to -14
- 14 to -16
- 16 to -18
- 18 to -20
- 20 to -30
- 30 to -40
- 40 to -50
- 50 and below

PLATE NUMBER  
42

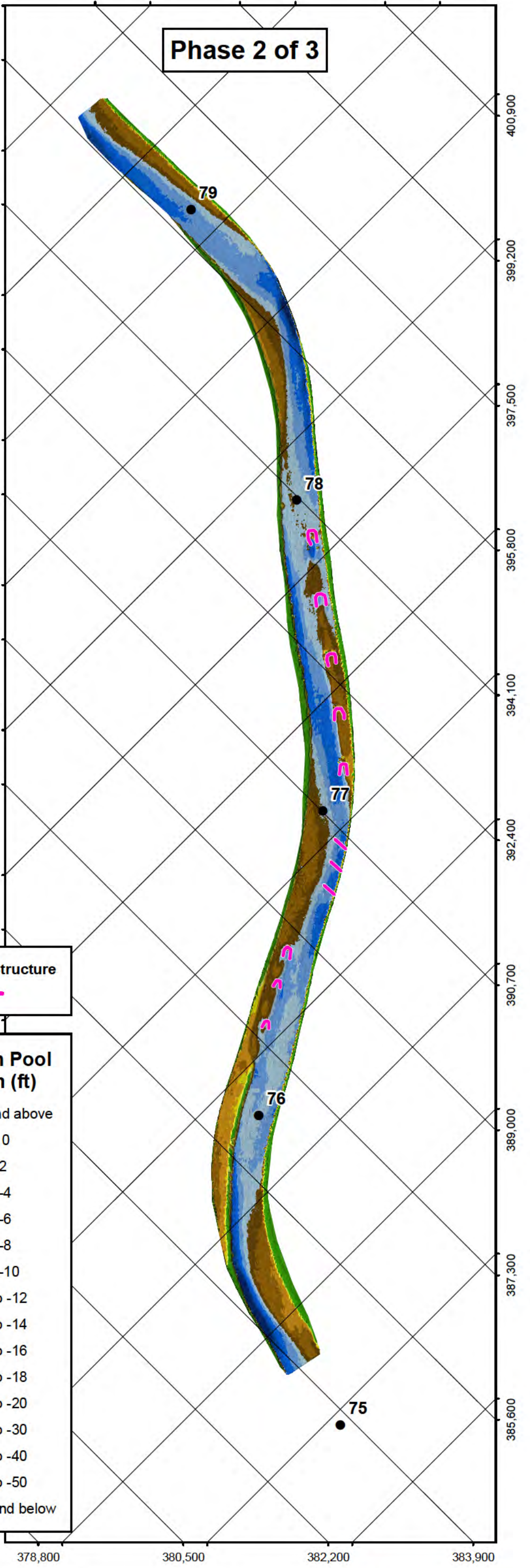
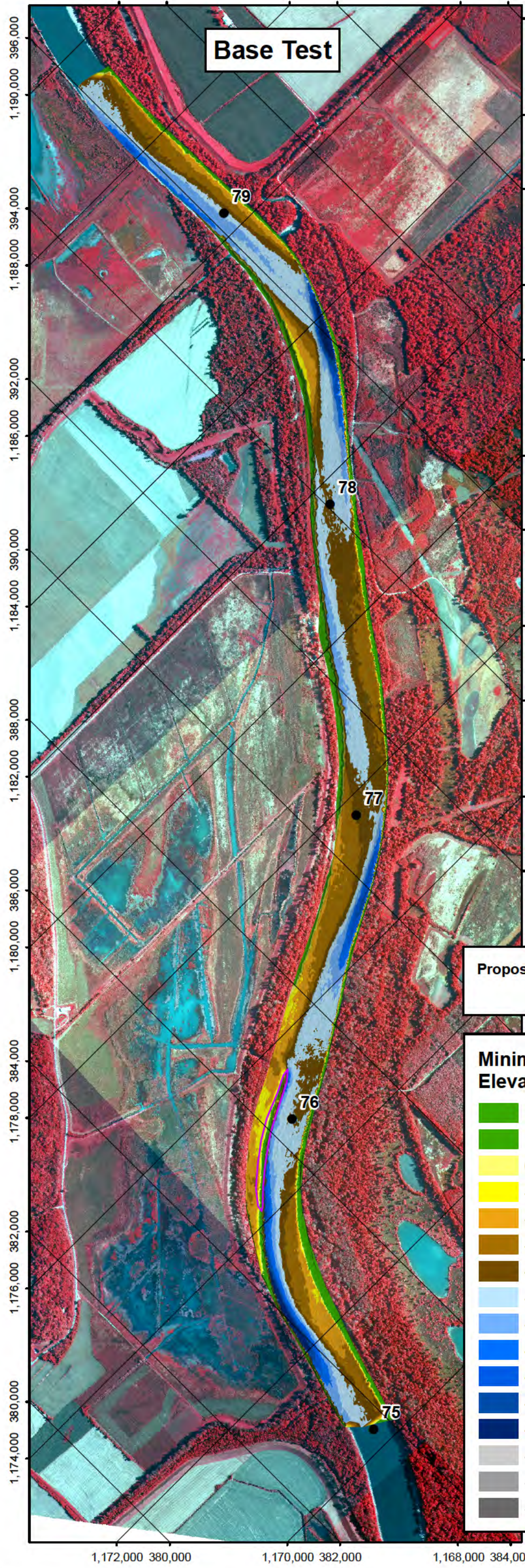
0 850 1,700 3,400 Feet


**ILLINOIS RIVER HSR MODEL**  
Construction 1

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, P.E.
	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, P.E.
APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	PLOT DATE: JULY 2009	APPROVED BY: R. DAVNROY, P.E.
	FILENAME: ...ILLINOIS RIVER HSR MODEL.MXD	







**Proposed Structure**  


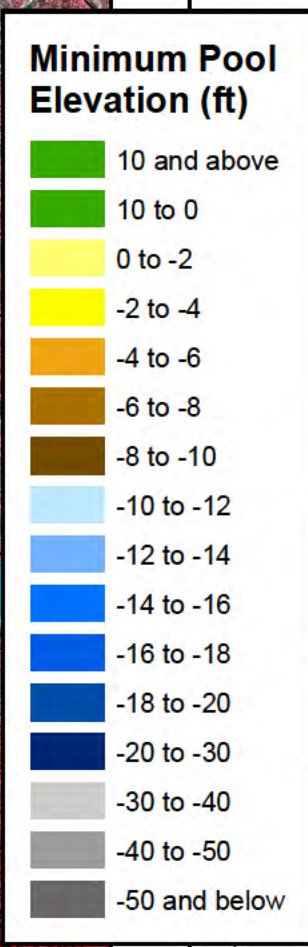
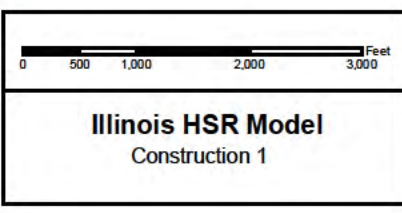


PLATE  
NUMBER  
**43**

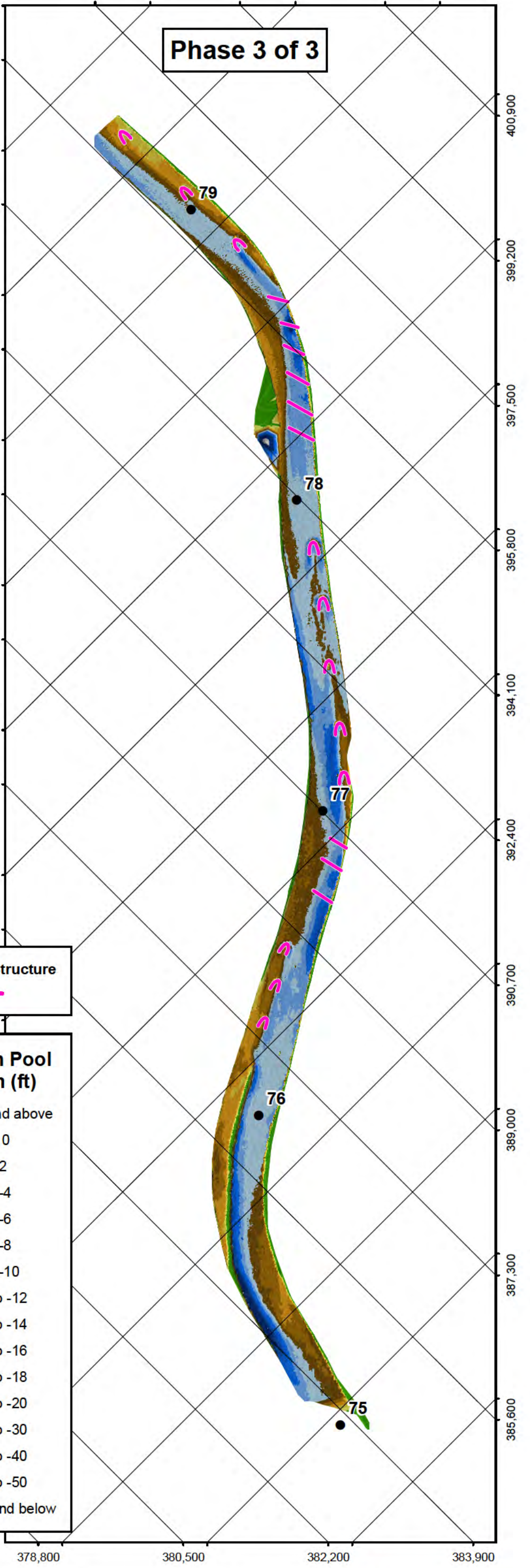
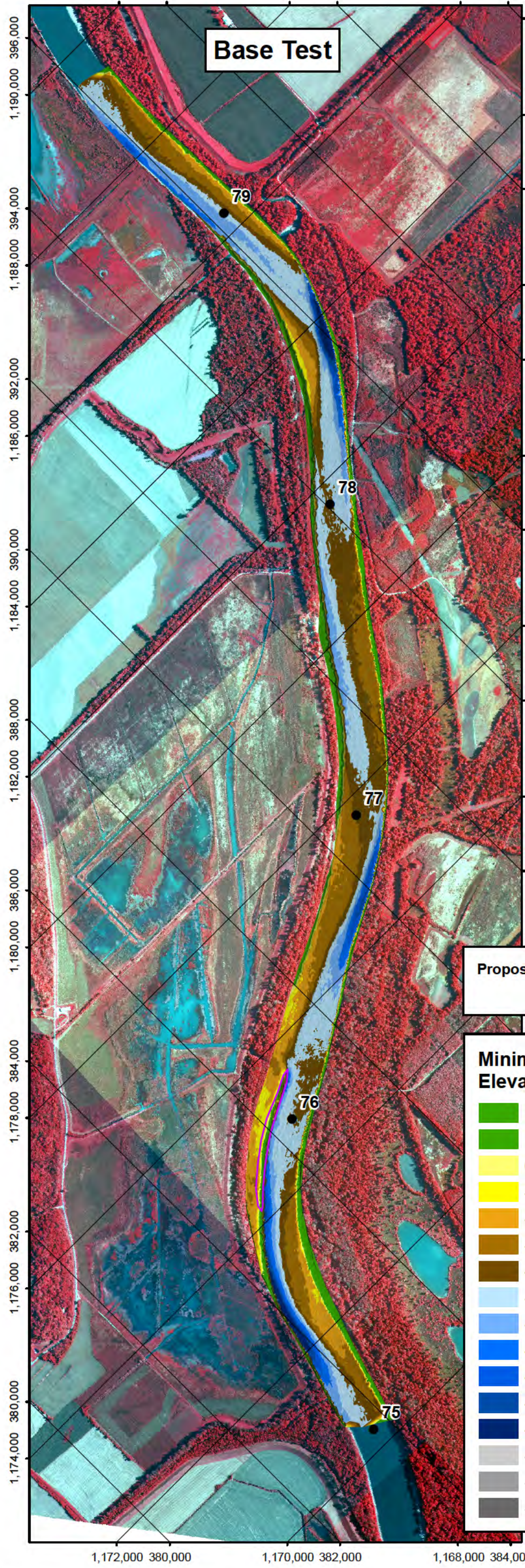



U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DESIGNED BY: <b>I NGUYEN</b>	SURVEY DATE: <b>07/14/2010</b>
	DRAWN BY: <b>I NGUYEN</b>	CHECKED BY: <b>J BROWN, P.E. E BRAUER, P.E.</b>
Illinois River Basin St. Louis District Illinois River South of LaGrange L&D HSR Model	SUBMITTED BY: <b>I NGUYEN</b>	APPROVED BY: <b>R DAVINROY, P.E.</b>
	FILE NAME: ... Illinois River\Plates	PLOT DATE: 2010







**Proposed Structure**  


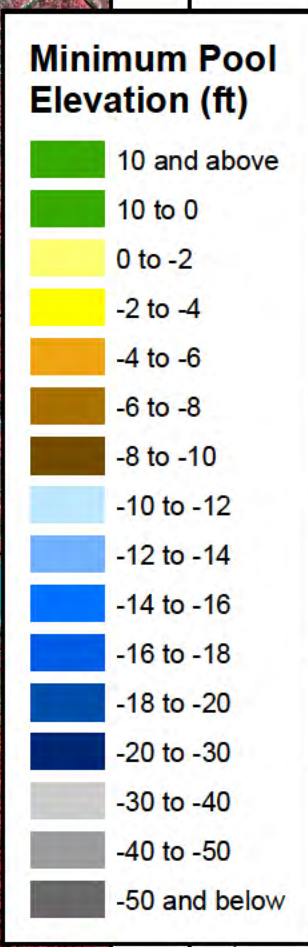
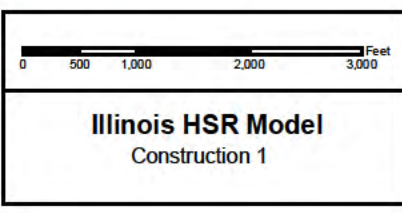


PLATE  
NUMBER  
44



U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DESIGNED BY: I NGUYEN	SURVEY DATE: 07/14/2010
	DRAWN BY: I NGUYEN	CHECKED BY: J BROWN, P.E. E BRAUER, P.E.
Illinois River Basin St. Louis District Illinois River South of LaGrange L&D HSR Model	SUBMITTED BY: I NGUYEN	APPROVED BY: R DAVINROY, P.E.
	FILE NAME: ... Illinois River\Plates	PLOT DATE: 2010





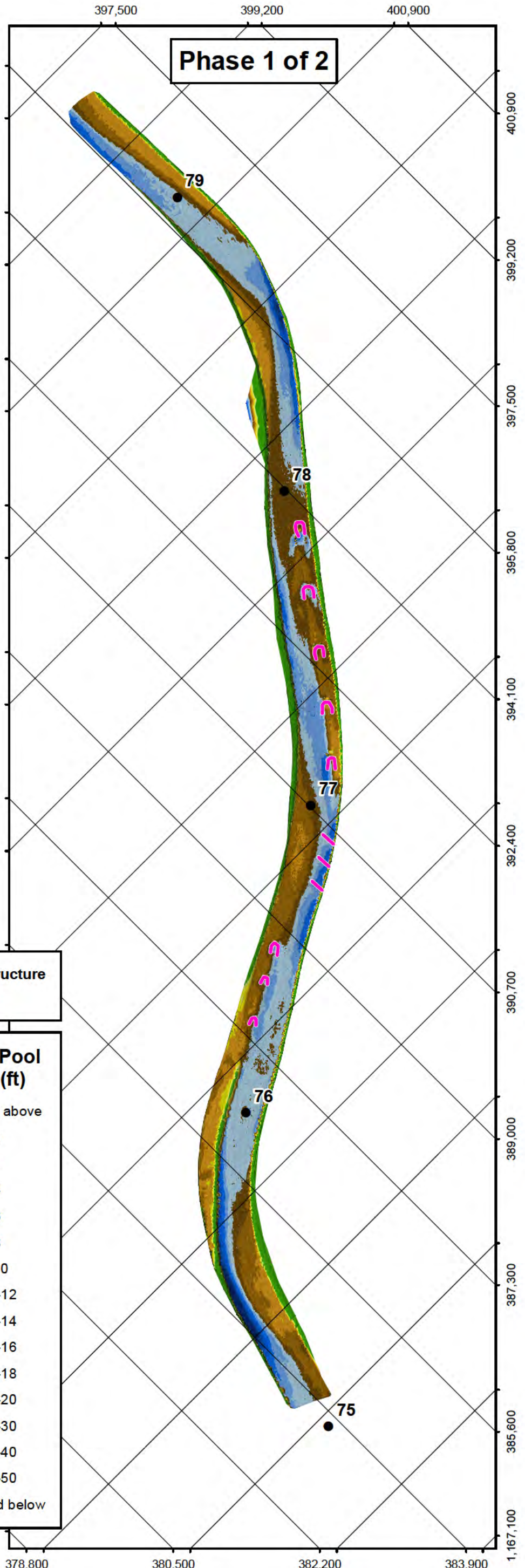
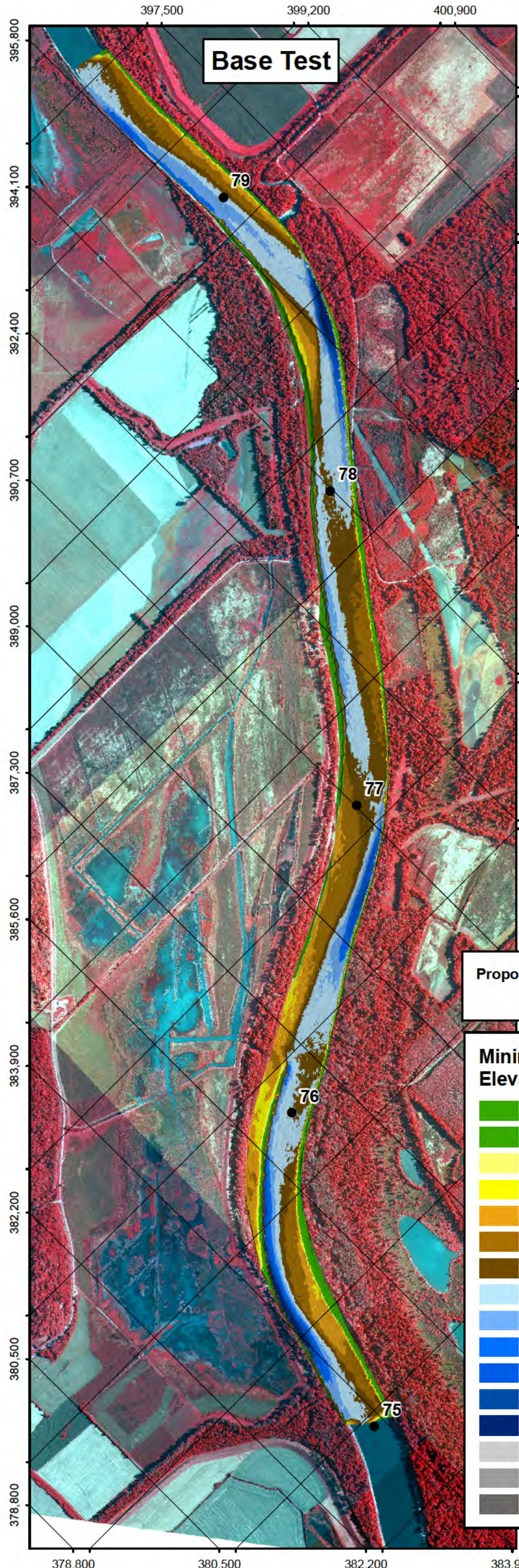


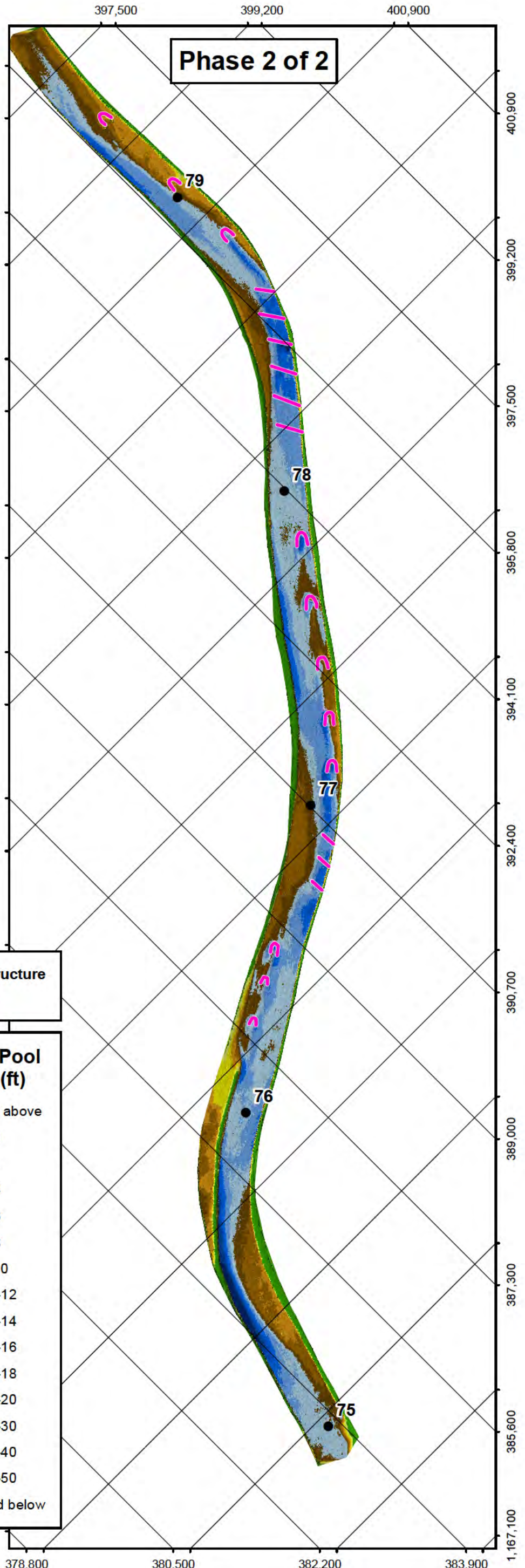
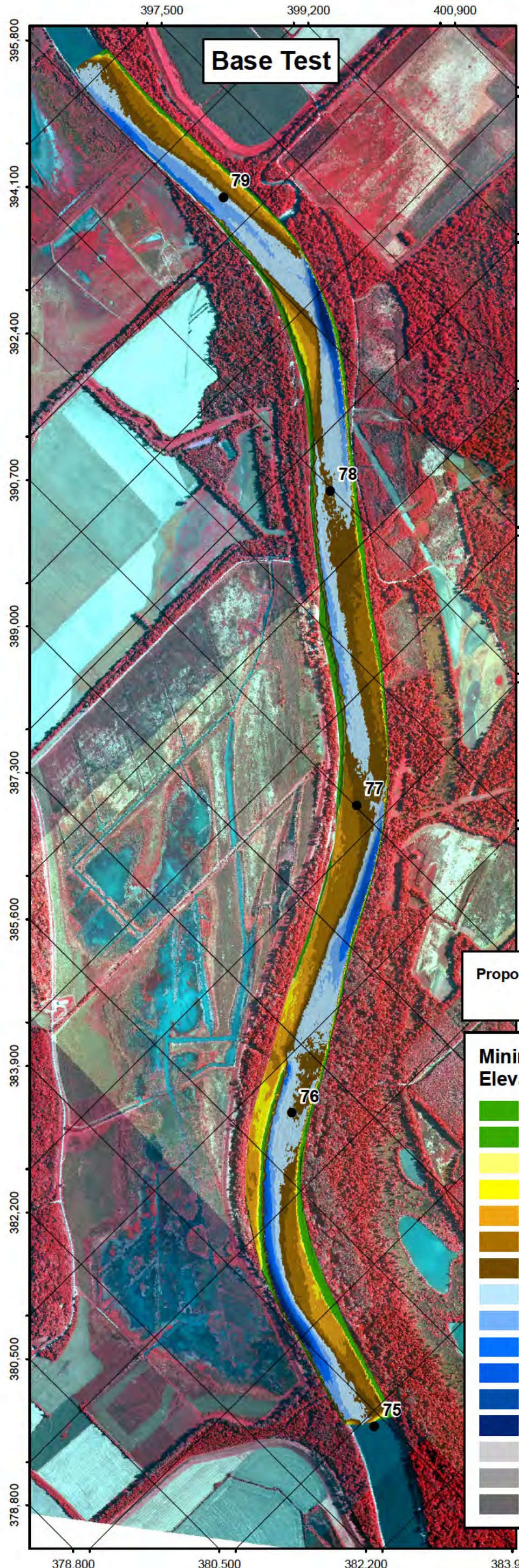
PLATE NUMBER  
45

0 850 1,700 3,400 Feet  
ILLINOIS RIVER HSR MODEL  
Construction 2

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, P.E.
	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, P.E.
APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	PLOT DATE: JULY 2009	APPROVED BY: R. DAV NROY, P.E.
	FILENAME: ...ILLINOIS RIVER HSR MODEL.MXD	







**Proposed Structure**

—

**Minimum Pool Elevation (ft)**

- 10 and above
- 10 to 0
- 0 to -2
- 2 to -4
- 4 to -6
- 6 to -8
- 8 to -10
- 10 to -12
- 12 to -14
- 14 to -16
- 16 to -18
- 18 to -20
- 20 to -30
- 30 to -40
- 40 to -50
- 50 and below

PLATE NUMBER  
46

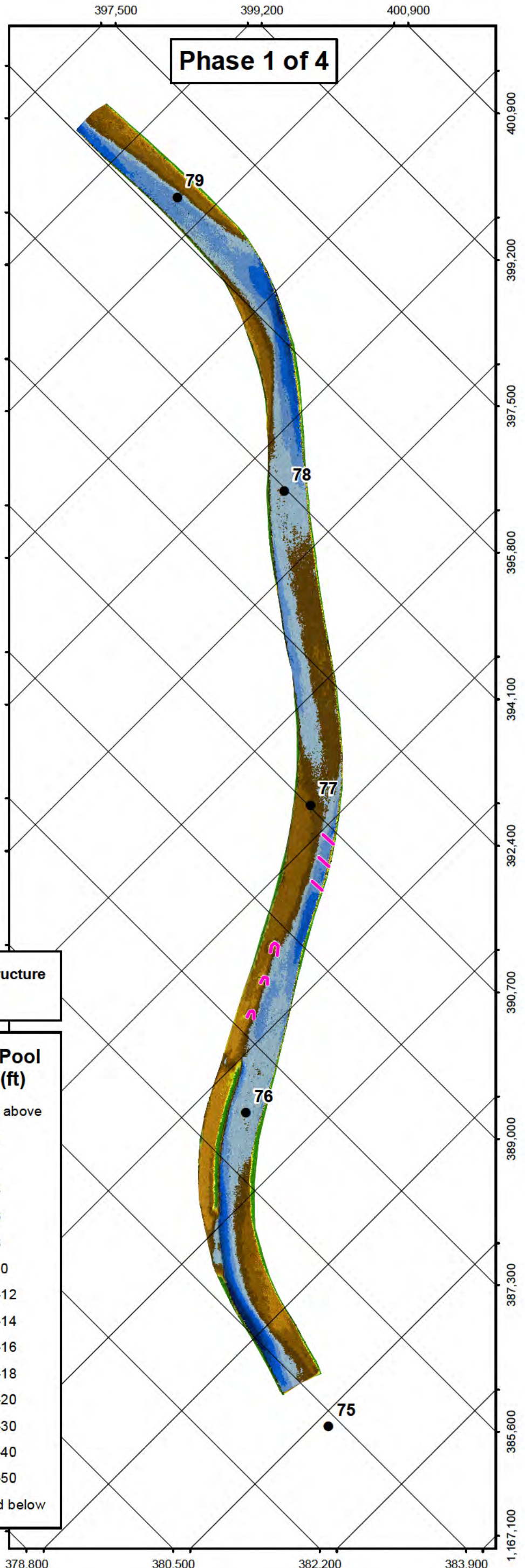
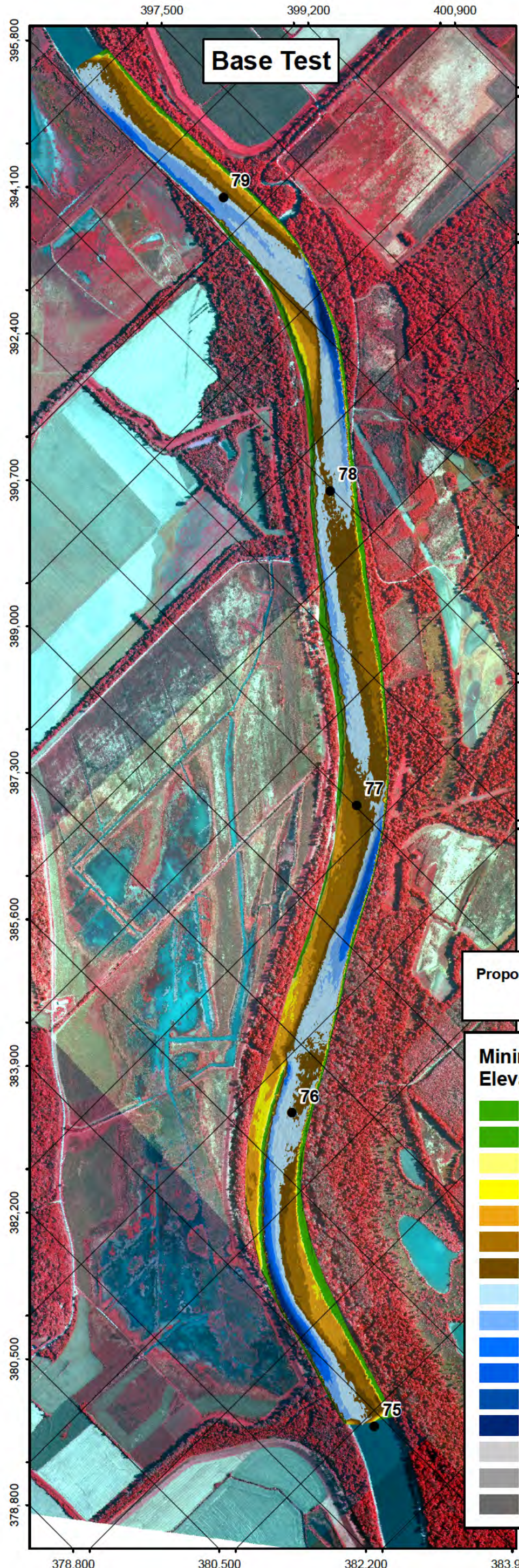
0 850 1,700 3,400 Feet

**ILLINOIS RIVER HSR MODEL**  
Construction 2

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, P.E.
	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, P.E.
APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	PLT DATE: JULY 2009	APPROVED BY: R. DAV NROY, P.E.
	FILENAME: ...ILLINOIS RIVER HSR MODEL.MXD	







**Proposed Structure**

—

**Minimum Pool Elevation (ft)**

- 10 and above
- 10 to 0
- 0 to -2
- 2 to -4
- 4 to -6
- 6 to -8
- 8 to -10
- 10 to -12
- 12 to -14
- 14 to -16
- 16 to -18
- 18 to -20
- 20 to -30
- 30 to -40
- 40 to -50
- 50 and below

PLATE NUMBER  
47

0 850 1,700 3,400 Feet  
ILLINOIS RIVER HSR MODEL  
Construction 3

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, P.E.
	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, P.E.
APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	PLT DATE: JULY 2009	APPROVED BY: R. DAV NROY, P.E.
	FILENAME: ...ILLINOIS RIVER HSR MODEL.MXD	





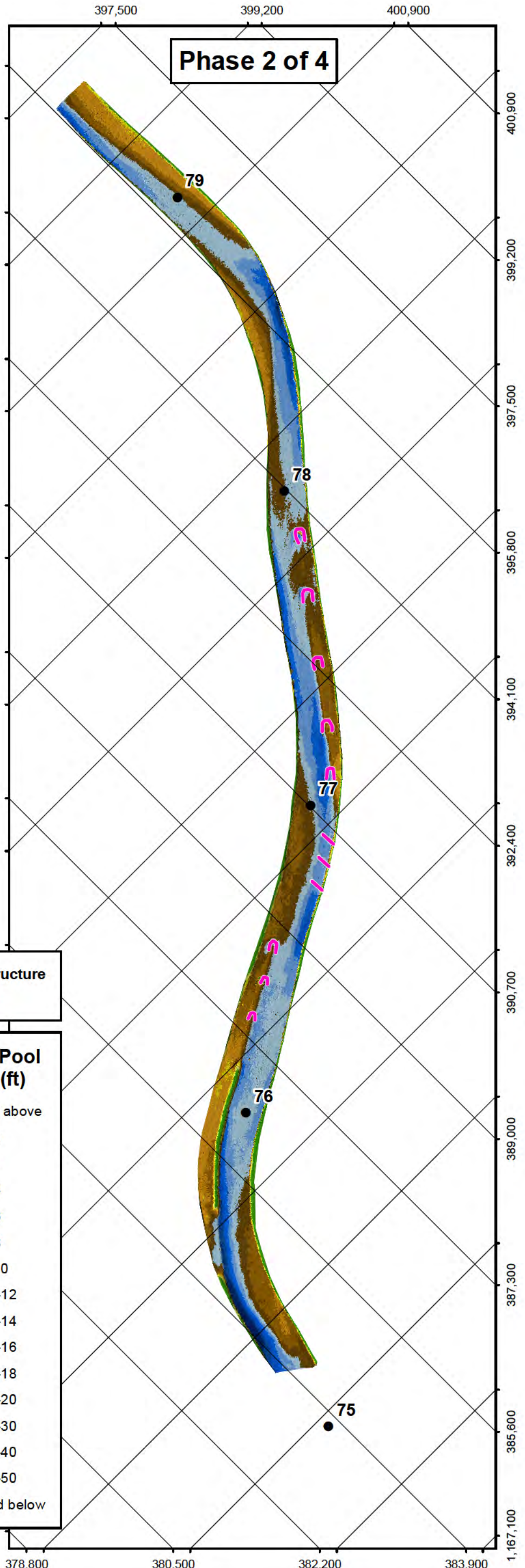
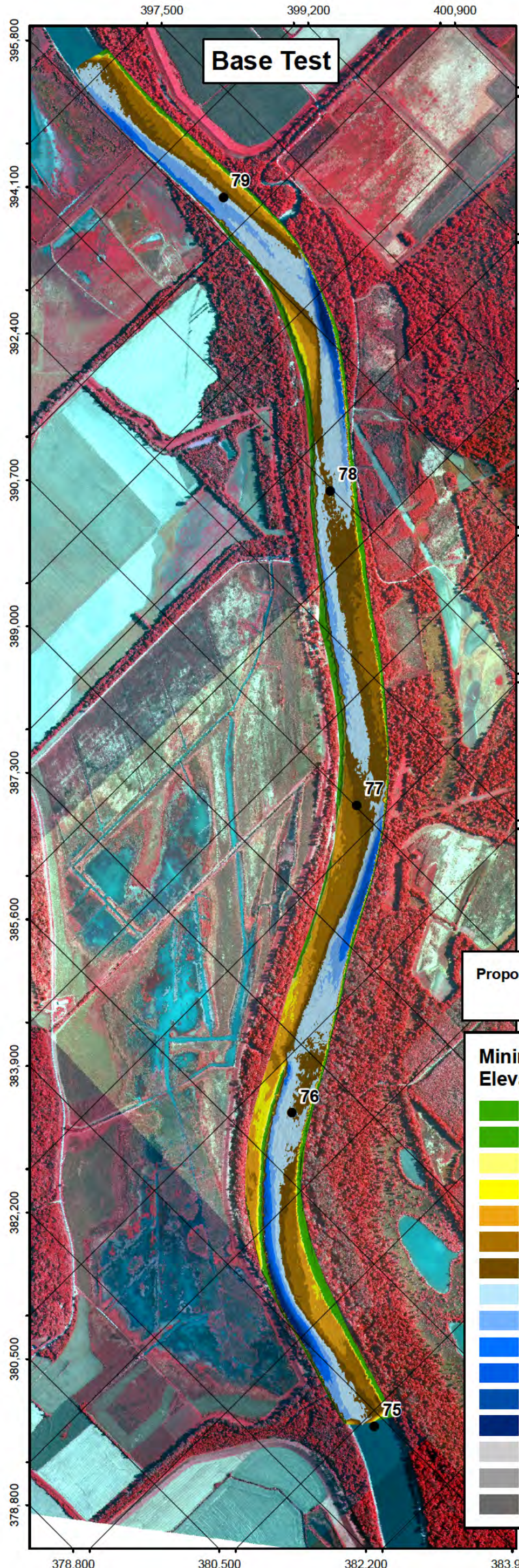


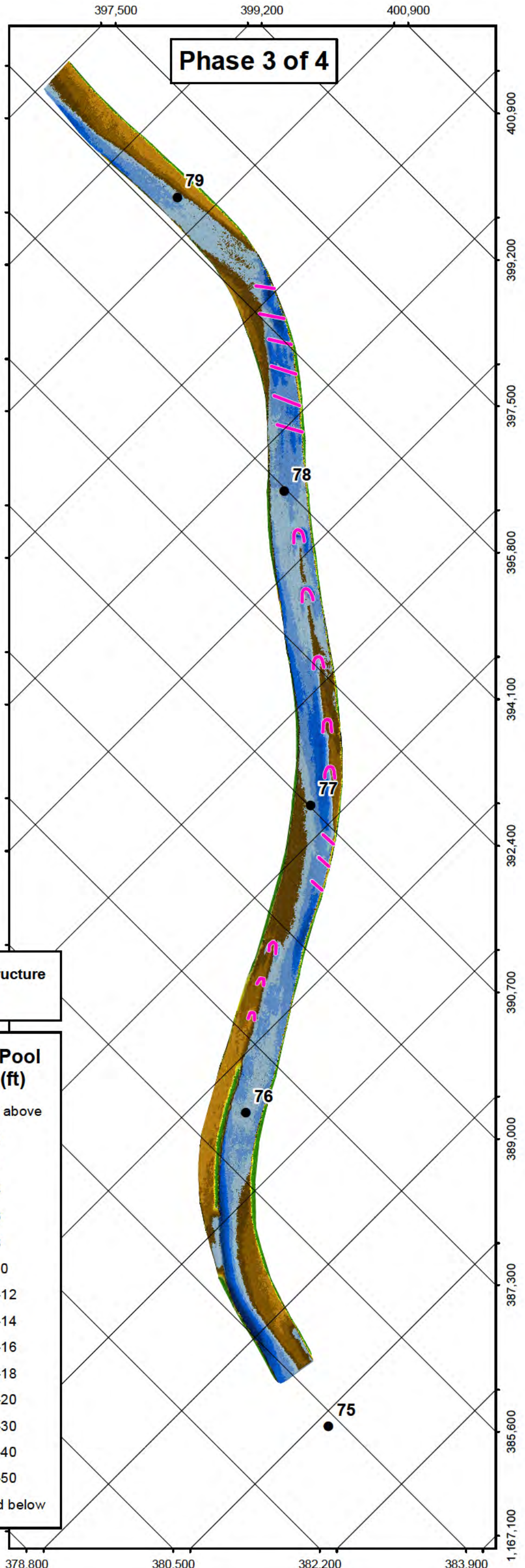
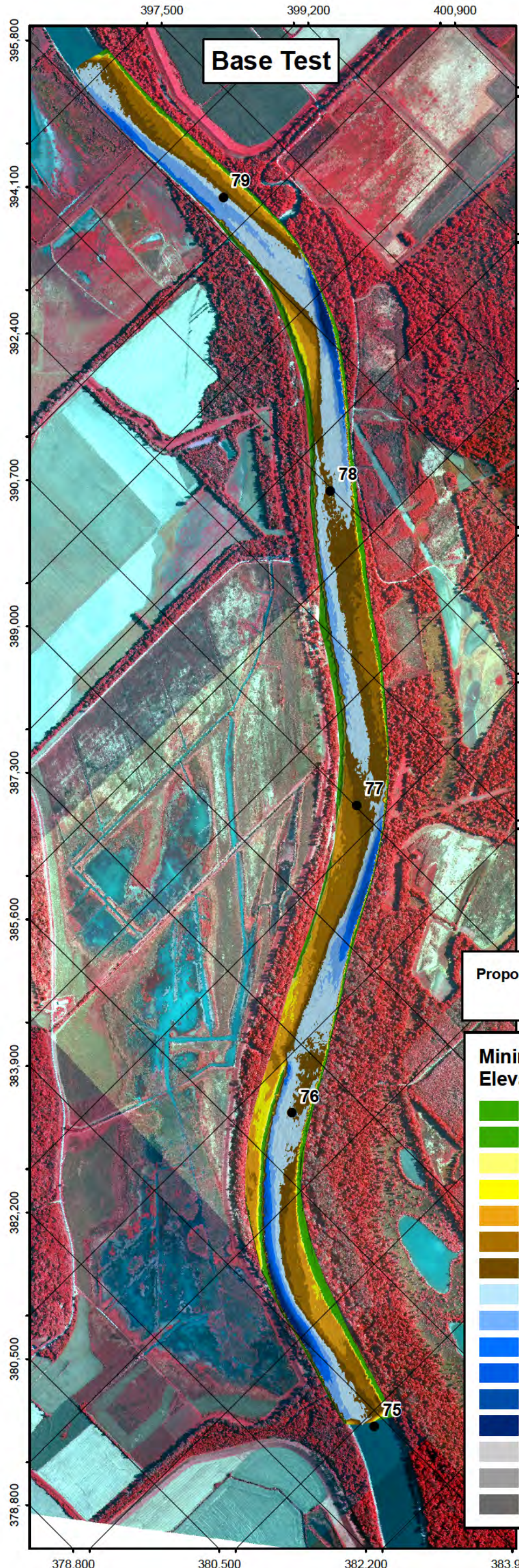
PLATE NUMBER  
48

0 850 1,700 3,400 Feet  
ILLINOIS RIVER HSR MODEL  
Construction 3

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, P.E.
	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, P.E.
APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	PLOT DATE: JULY 2009	APPROVED BY: R. DAVNROY, P.E.
	FILENAME: ...ILLINOIS RIVER HSR MODEL.MXD	







**Proposed Structure**

—

**Minimum Pool Elevation (ft)**

- 10 and above
- 10 to 0
- 0 to -2
- 2 to -4
- 4 to -6
- 6 to -8
- 8 to -10
- 10 to -12
- 12 to -14
- 14 to -16
- 16 to -18
- 18 to -20
- 20 to -30
- 30 to -40
- 40 to -50
- 50 and below

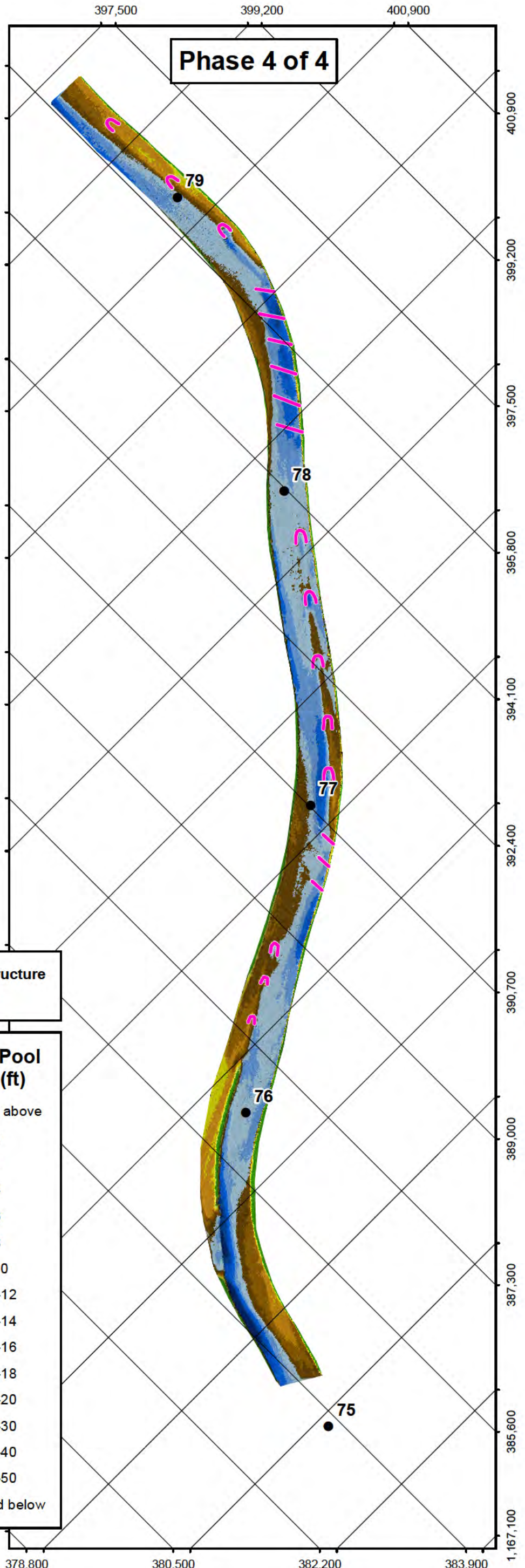
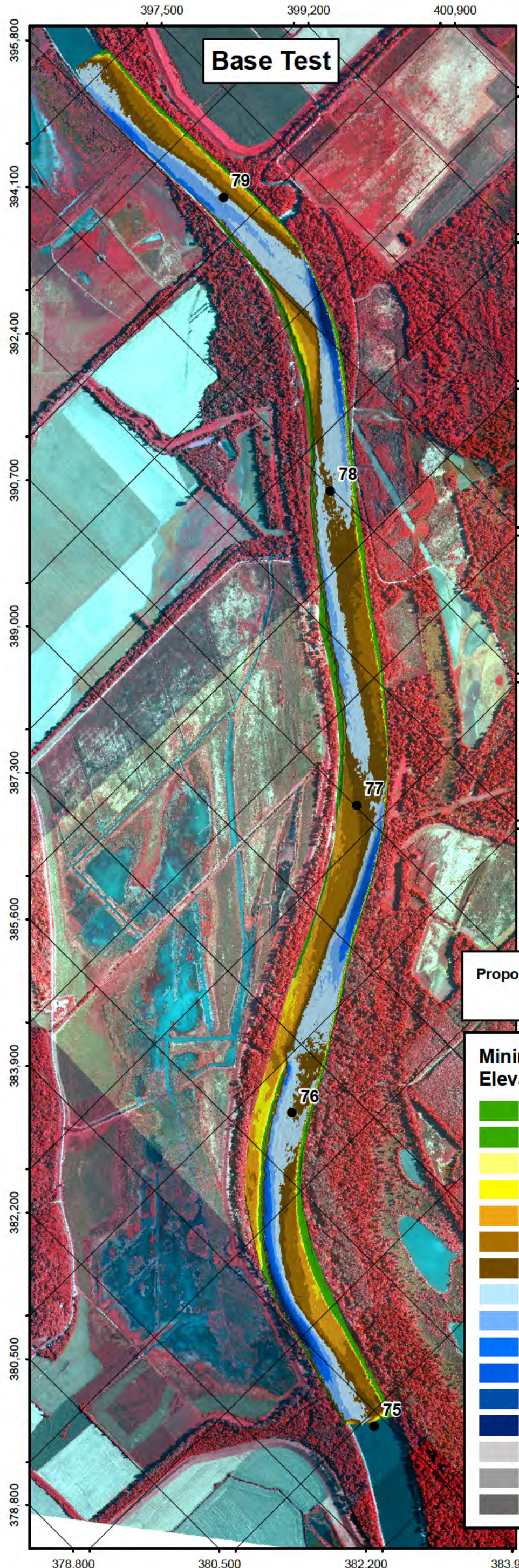
PLATE NUMBER  
49

ILLINOIS RIVER HSR MODEL  
Construction 3

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, P.E.
	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, P.E.
APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	PLT DATE: JULY 2009	APPROVED BY: R. DAV NROY, P.E.
	FILENAME: ...ILLINOIS RIVER HSR MODEL.MXD	







**Proposed Structure**

—

**Minimum Pool Elevation (ft)**

- 10 and above
- 10 to 0
- 0 to -2
- 2 to -4
- 4 to -6
- 6 to -8
- 8 to -10
- 10 to -12
- 12 to -14
- 14 to -16
- 16 to -18
- 18 to -20
- 20 to -30
- 30 to -40
- 40 to -50
- 50 and below

PLATE NUMBER  
50

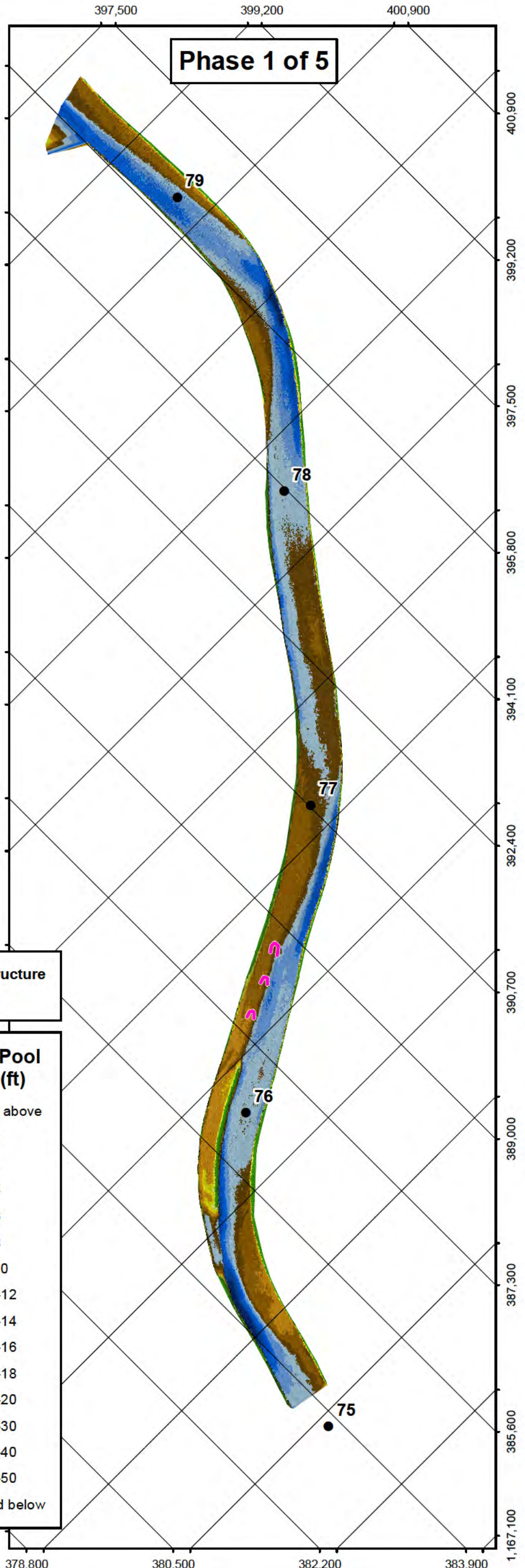
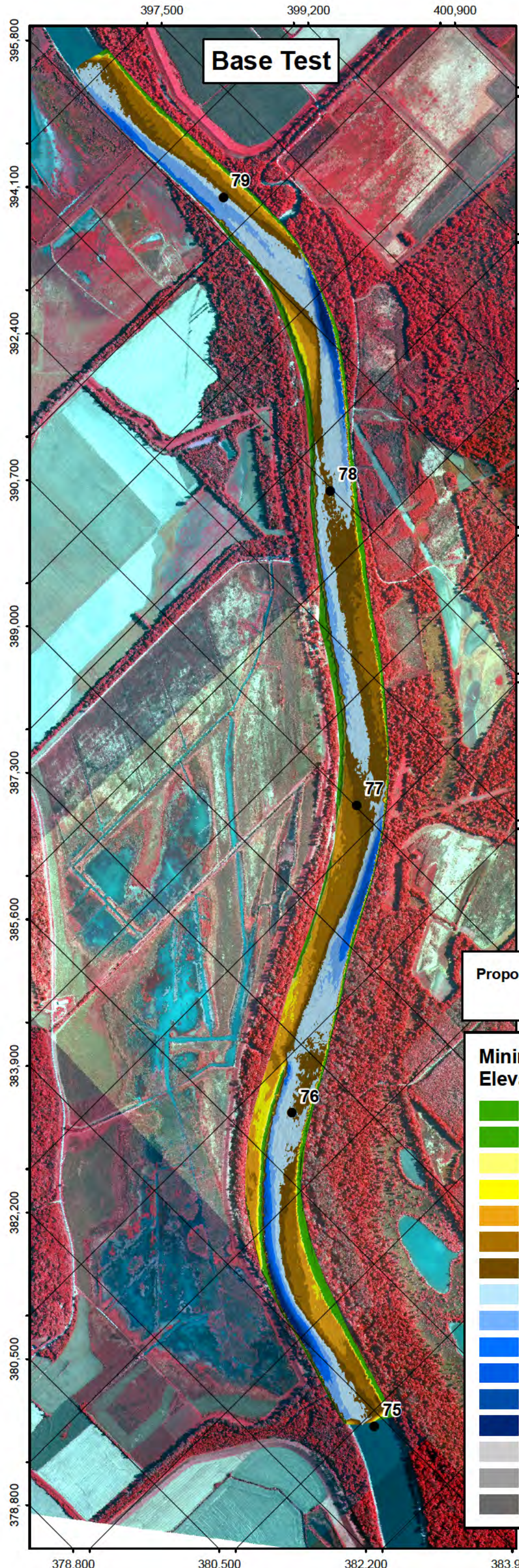
0 850 1,700 3,400 Feet

**ILLINOIS RIVER HSR MODEL**  
Construction 3

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, P.E.
	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, P.E.
APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	PLOT DATE: JULY 2009	APPROVED BY: R. DAVNROY, P.E.
	FILENAME: ...ILLINOIS RIVER HSR MODEL.MXD	







**Proposed Structure**

**Minimum Pool Elevation (ft)**

- 10 and above
- 10 to 0
- 0 to -2
- 2 to -4
- 4 to -6
- 6 to -8
- 8 to -10
- 10 to -12
- 12 to -14
- 14 to -16
- 16 to -18
- 18 to -20
- 20 to -30
- 30 to -40
- 40 to -50
- 50 and below

PLATE NUMBER  
51

0 850 1,700 3,400 Feet  
ILLINOIS RIVER HSR MODEL  
Construction 4

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, PE.
	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, PE.
APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	PLOT DATE: JULY 2009	APPROVED BY: R. DAV NROY, PE.
	FILENAME: ...ILLINOIS RIVER HSR MODEL.MXD	





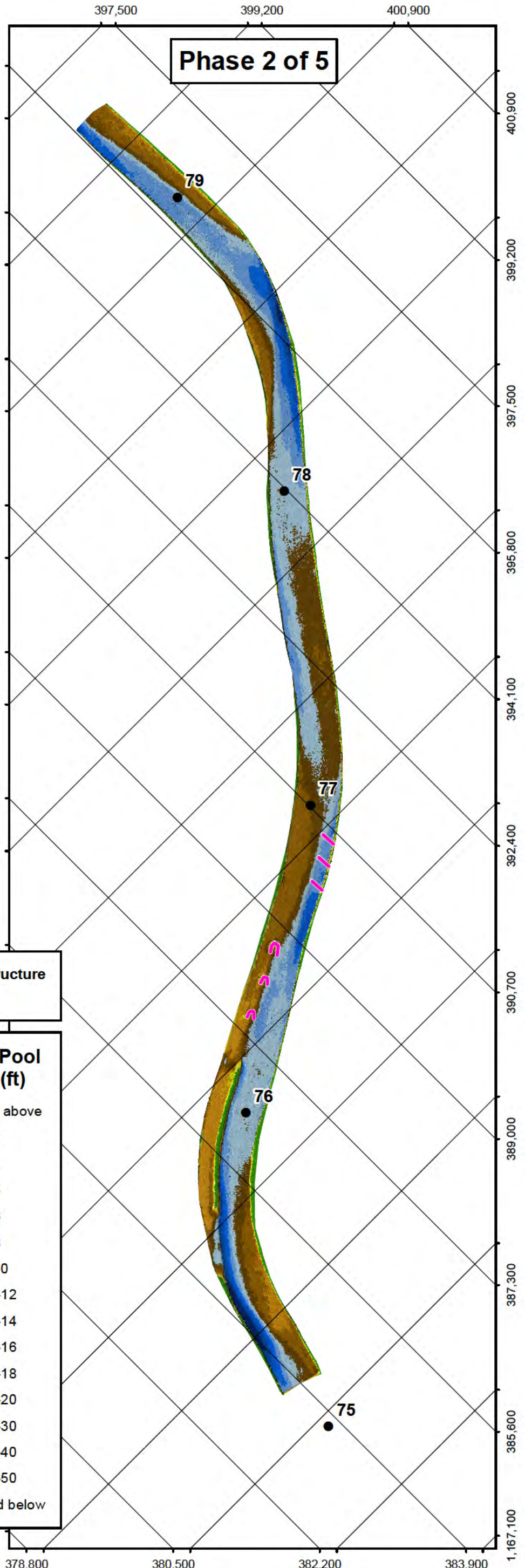
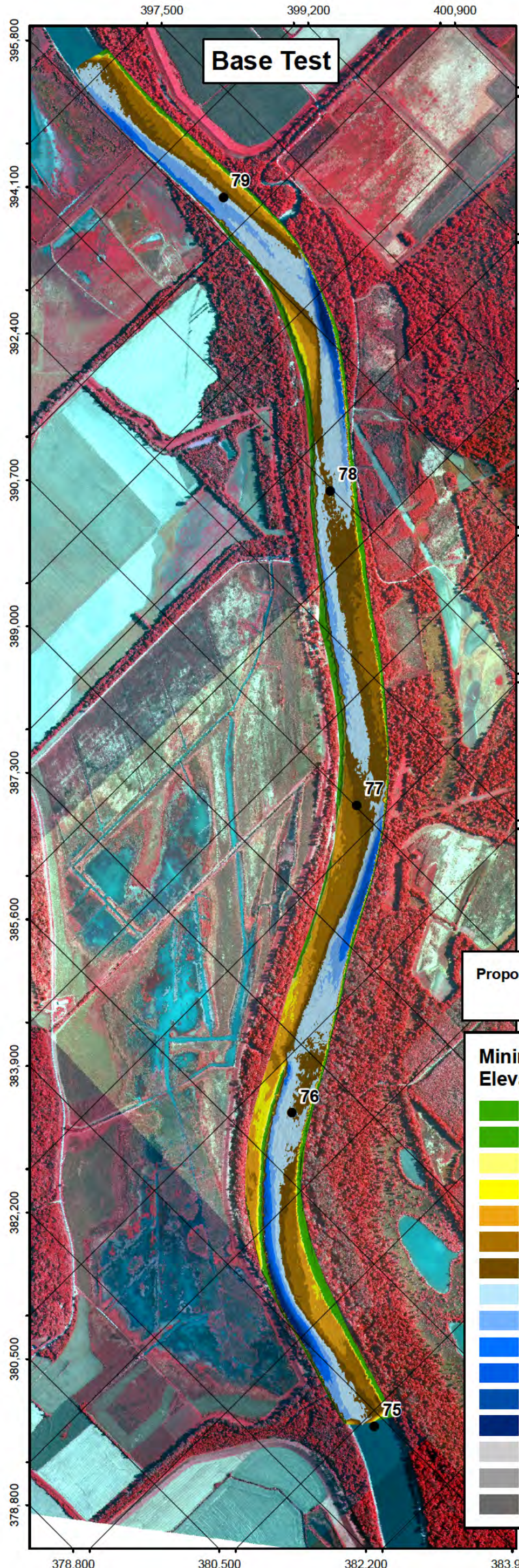


PLATE NUMBER  
52

0 850 1,700 3,400 Feet  
ILLINOIS RIVER HSR MODEL  
Construction 4

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, P.E.
	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, P.E.
APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	PLOT DATE: JULY 2009	APPROVED BY: R. DAVNROY, P.E.
	FILENAME: ...ILLINOIS RIVER HSR MODEL.MXD	





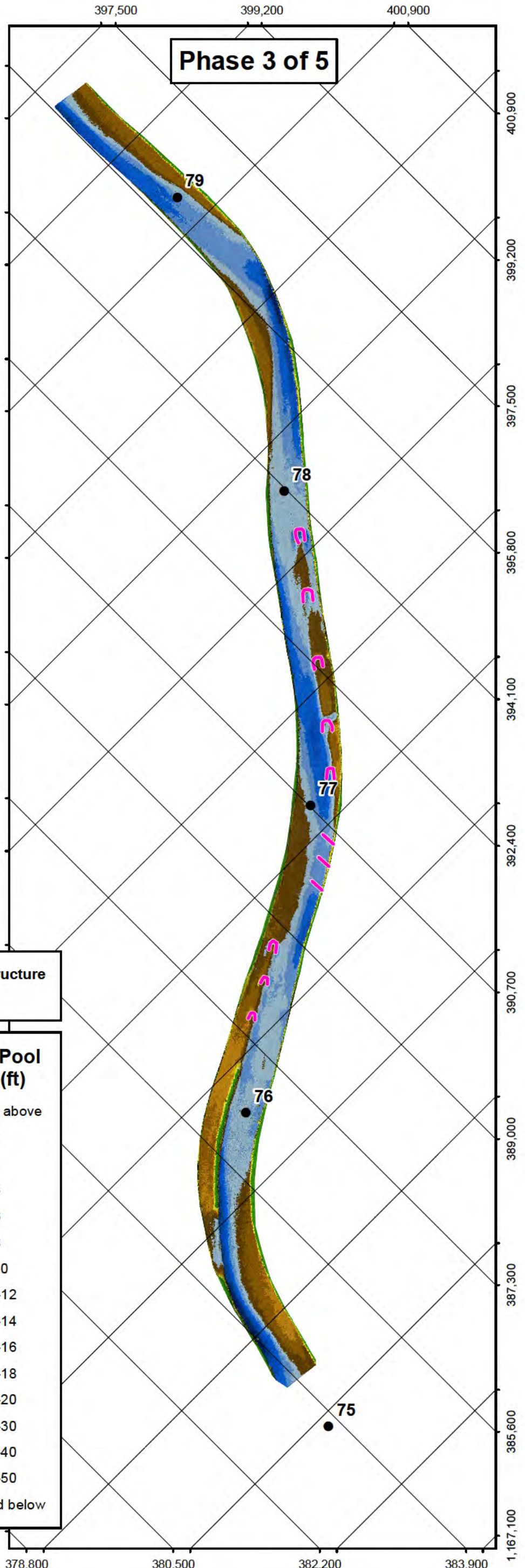
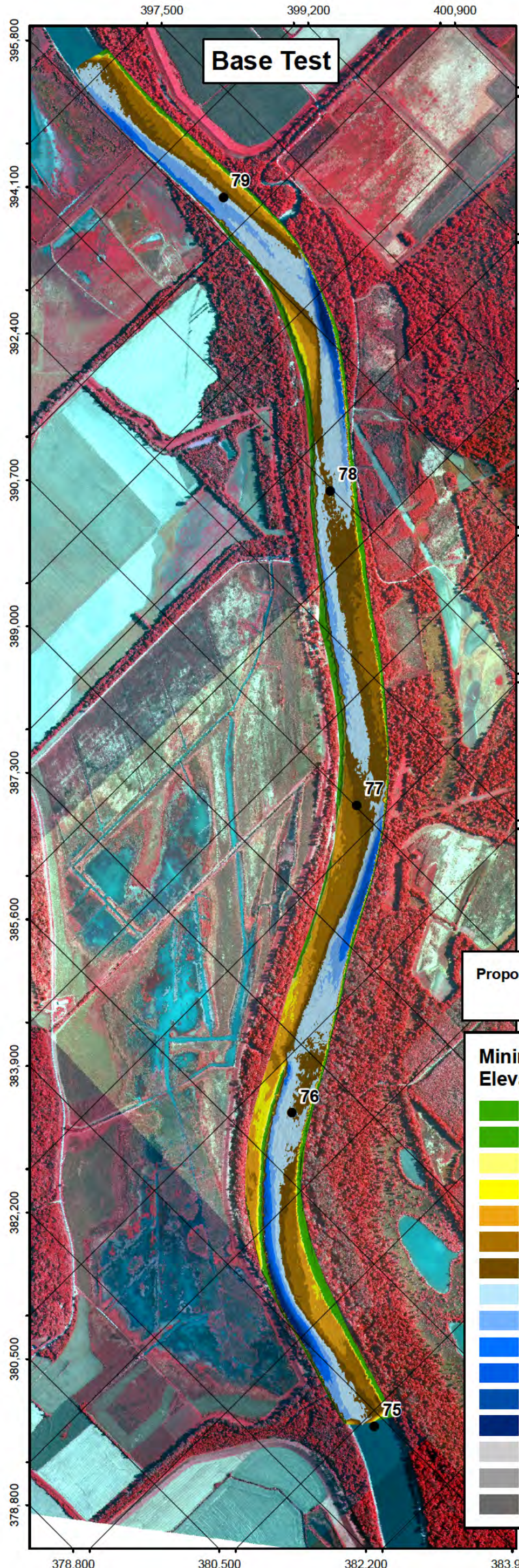


PLATE NUMBER  
53

0 850 1,700 3,400 Feet  
ILLINOIS RIVER HSR MODEL  
Construction 4

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, P.E.
	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, P.E.
APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	PLOT DATE: JULY 2009	APPROVED BY: R. DAVNROY, P.E.
	FILENAME: ...ILLINOIS RIVER HSR MODEL.MXD	





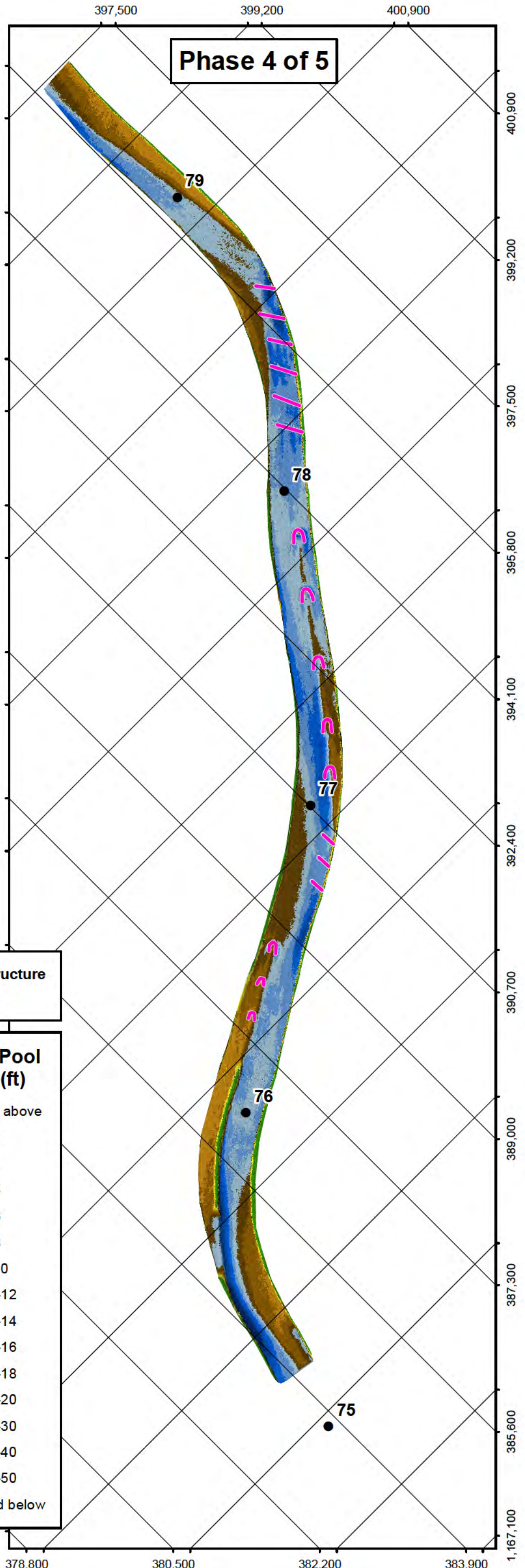
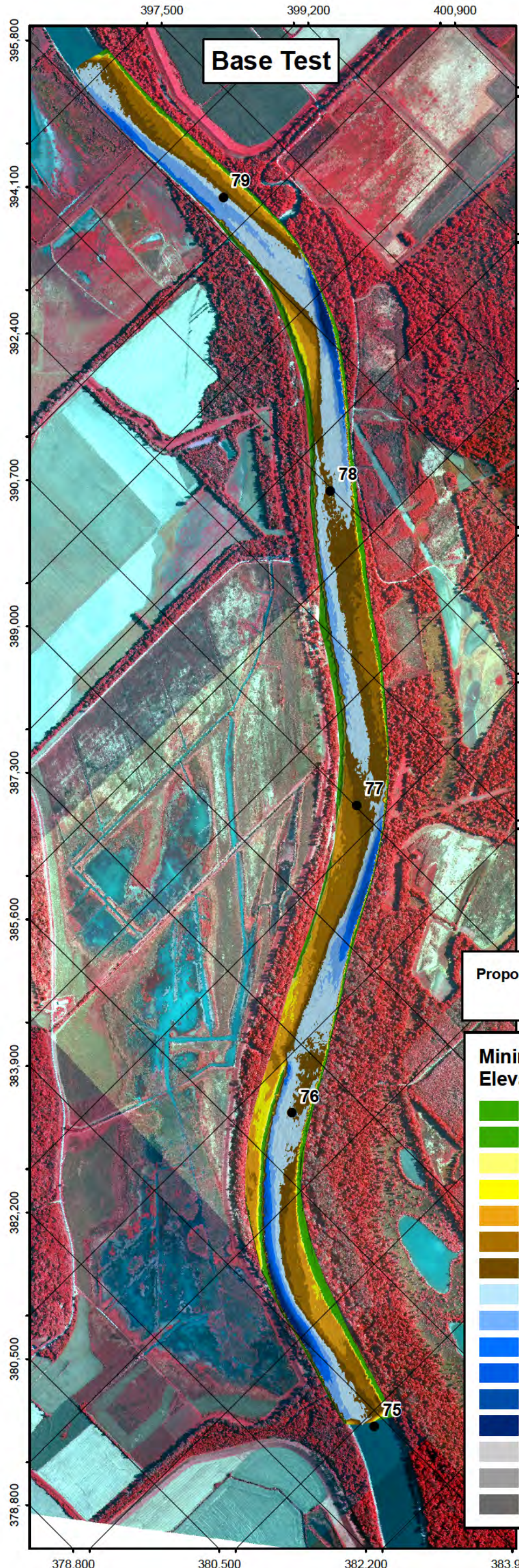


PLATE NUMBER  
54

0 850 1,700 3,400 Feet  
ILLINOIS RIVER HSR MODEL  
Construction 4

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, P.E.
	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, P.E.
APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	PLT DATE: JULY 2009	APPROVED BY: R. DAV NROY, P.E.
	FILENAME: ...ILLINOIS RIVER HSR MODEL.MXD	





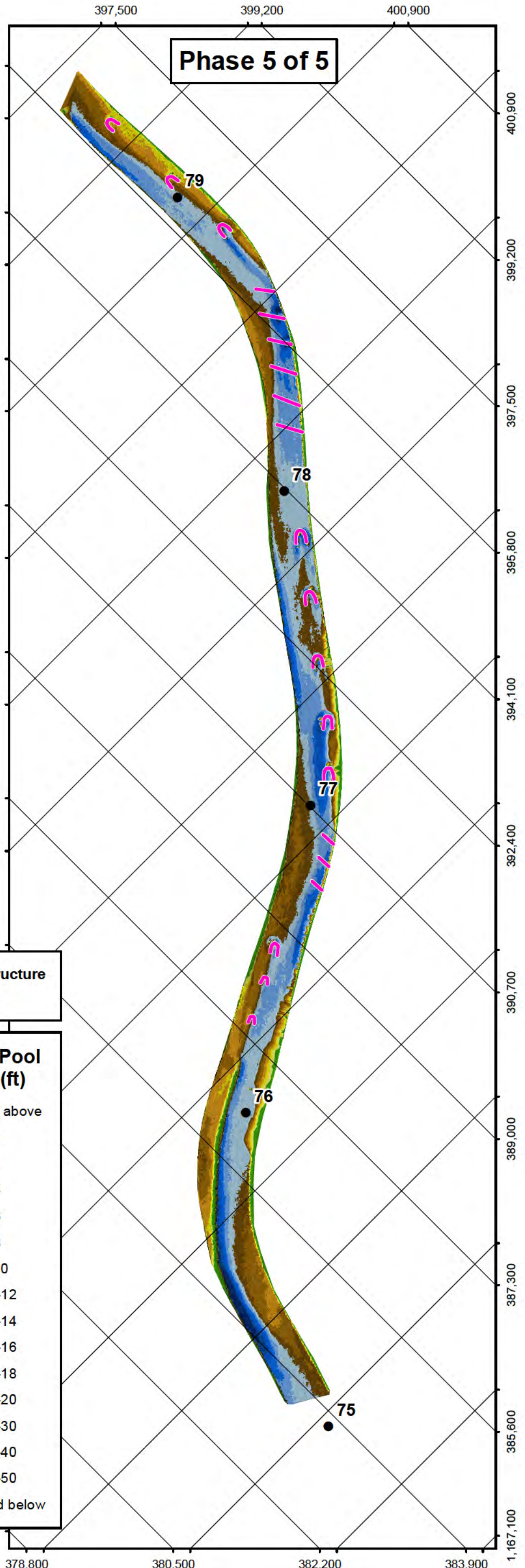
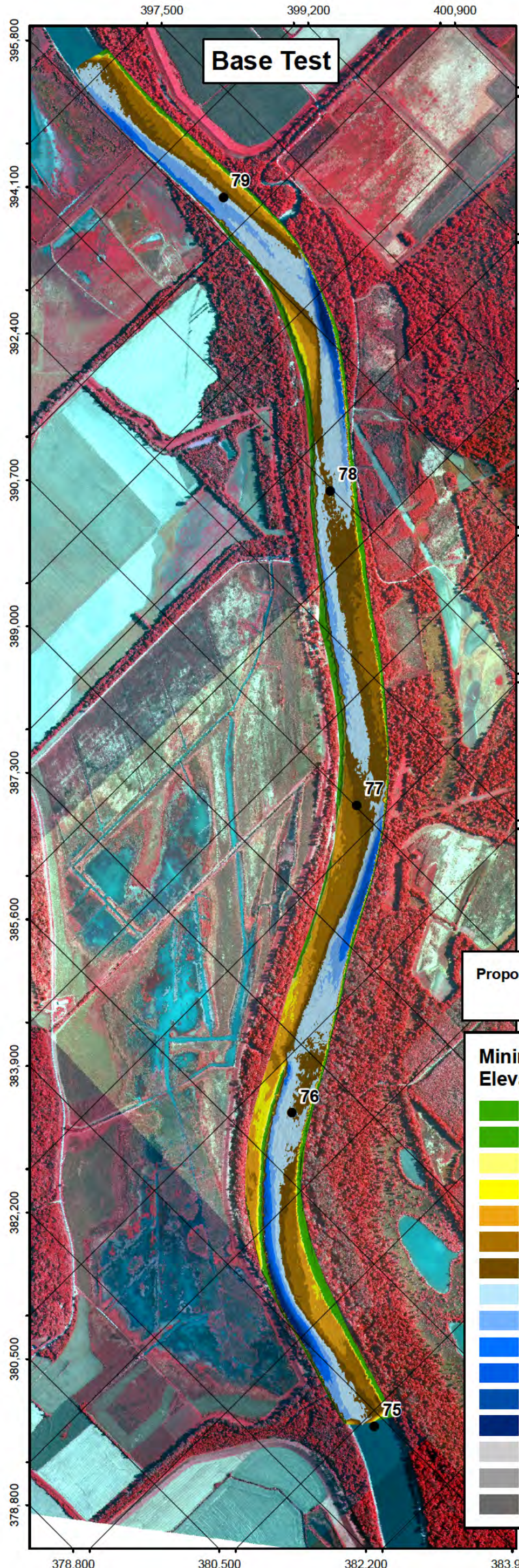


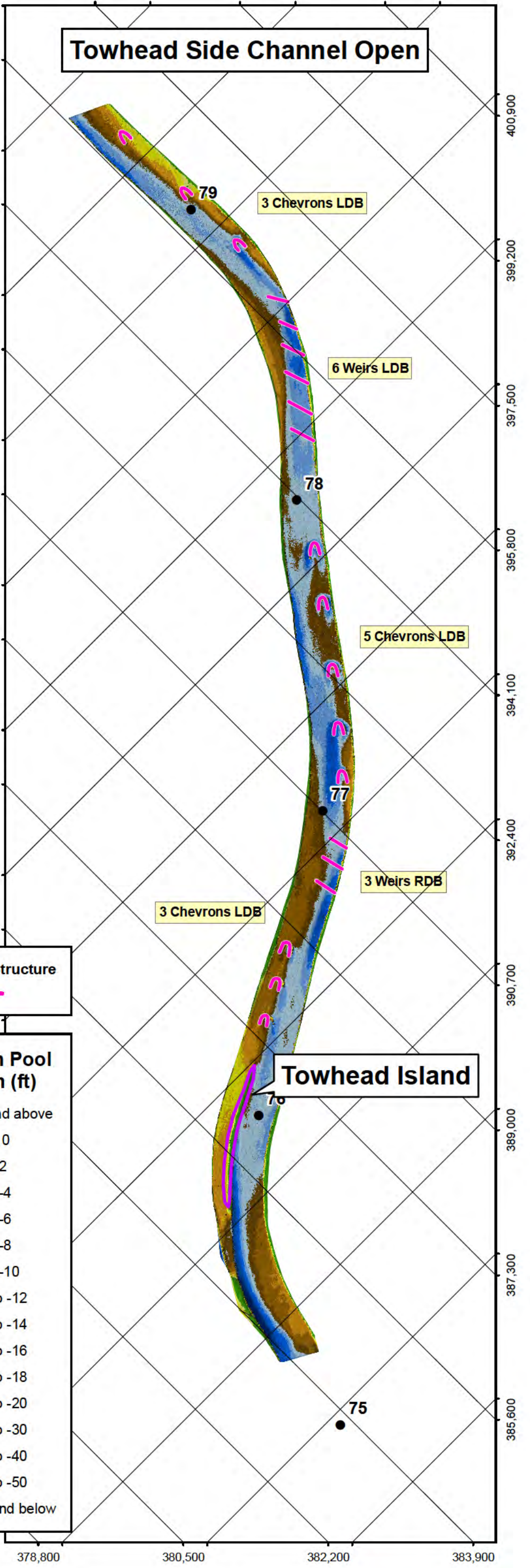
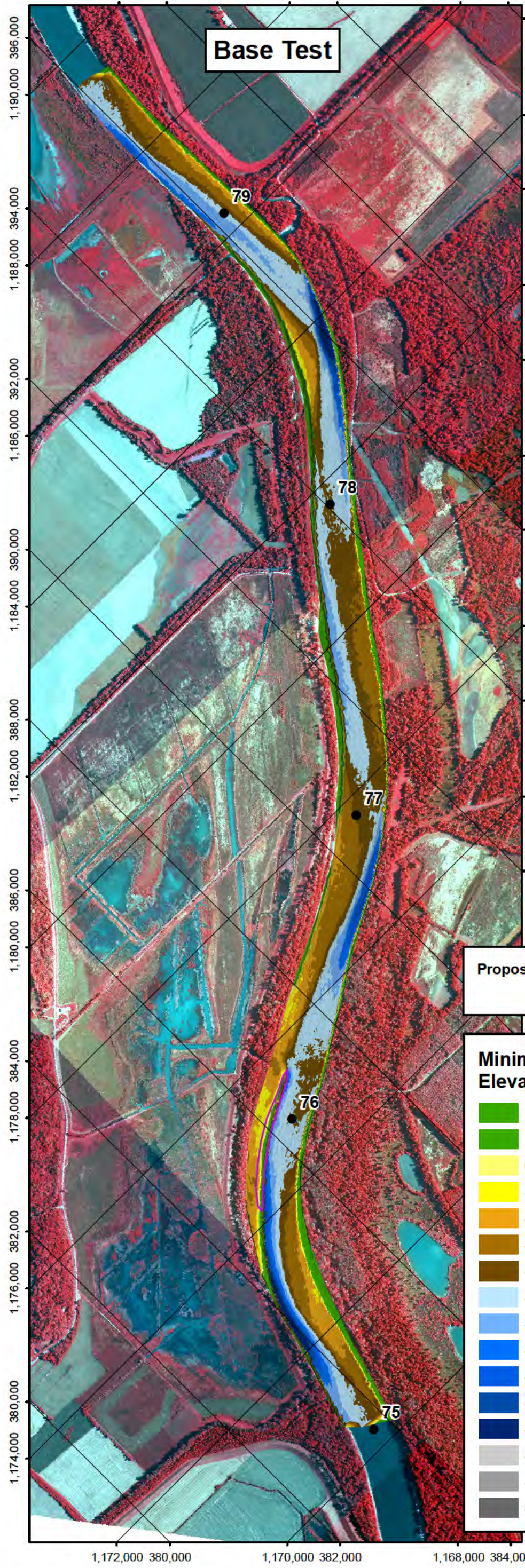
PLATE NUMBER  
55


0 850 1,700 3,400 Feet  
ILLINOIS RIVER HSR MODEL  
Construction 4

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	DRAWN BY: I. NGUYEN	REVIEWED BY: J. BROWN, P.E.
	SUBMITTED BY: I. NGUYEN	CHECKED BY: E. BRAUER, P.E.
APPLIED RIVER ENGINEERING CENTER ST. LOUIS DISTRICT	PLT DATE: JULY 2009	APPROVED BY: R. DAV NROY, P.E.
	FILENAME: ...ILLINOIS RIVER HSR MODEL.MXD	







**Proposed Structure**  


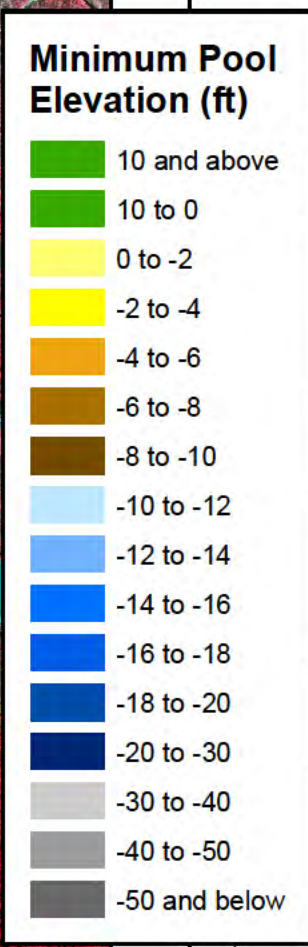
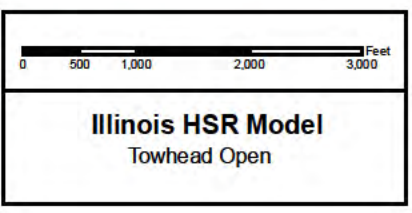


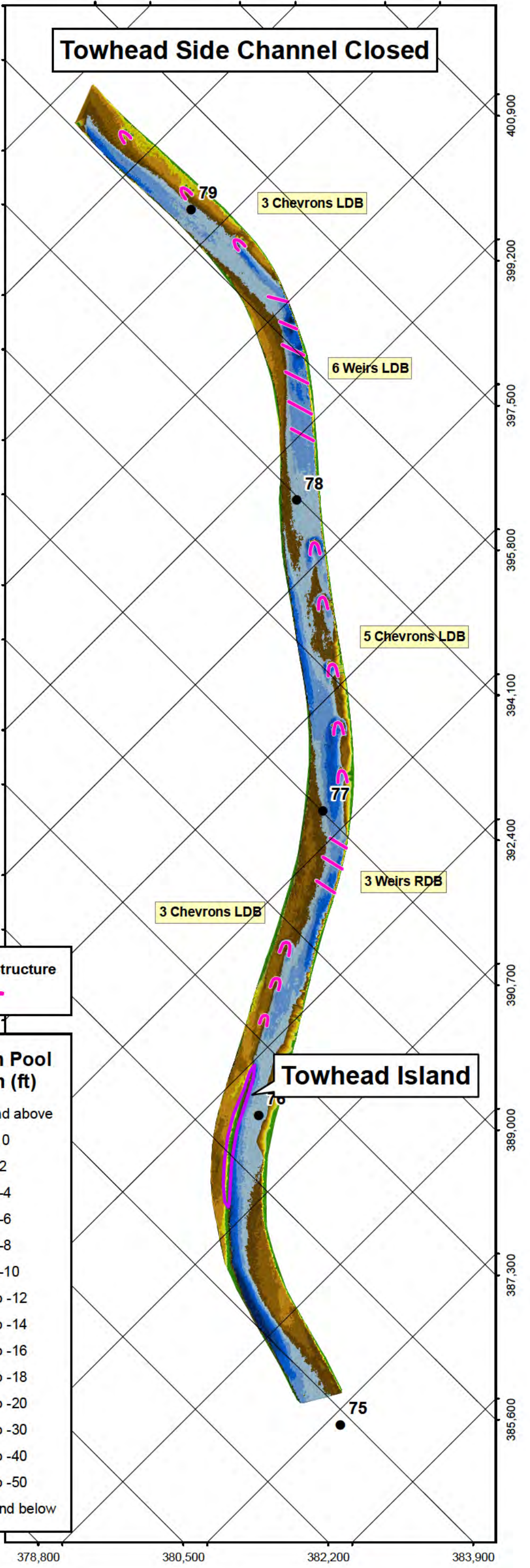
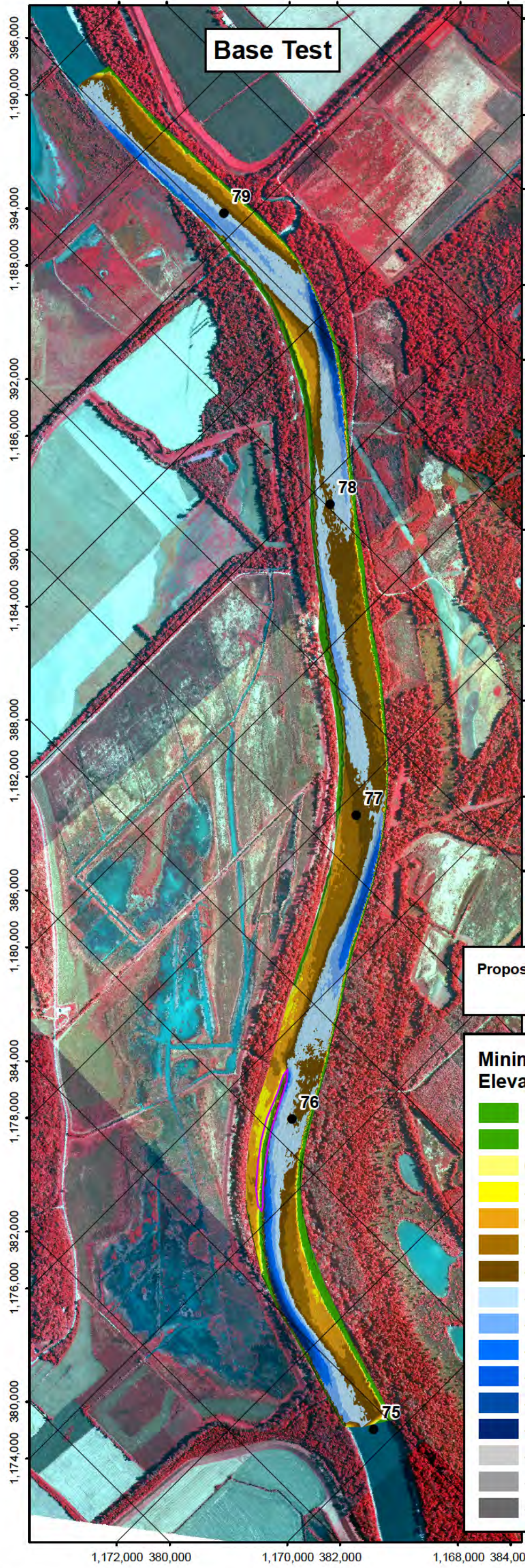
PLATE NUMBER  
**56**



U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI  Illinois River Basin St. Louis District Illinois River South of LaGrange L&D HSR Model	DESIGNED BY: I NGUYEN	SURVEY DATE: 07/14/2010	
	DRAWN BY: I NGUYEN	REVIEWED BY: J BROWN, P.E.	CHECKED BY: E BRAUER, P.E.
	SUBMITTED BY: I NGUYEN	APPROVED BY: R DAVINROY, P.E.	
	FILE NAME: ... Illinois River\Plates	PLOT DATE: 2010	







**Proposed Structure**  
—

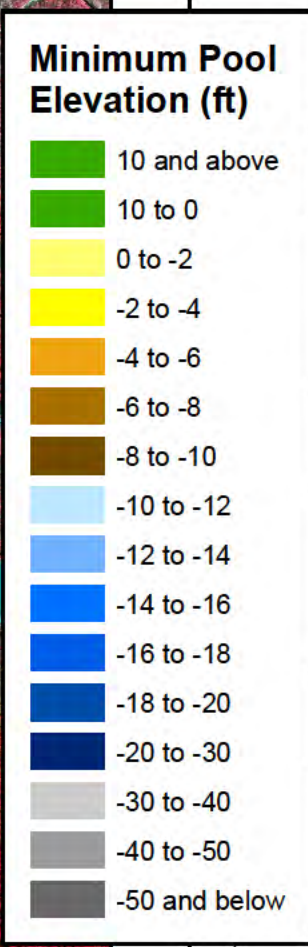
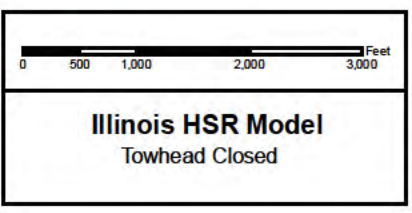


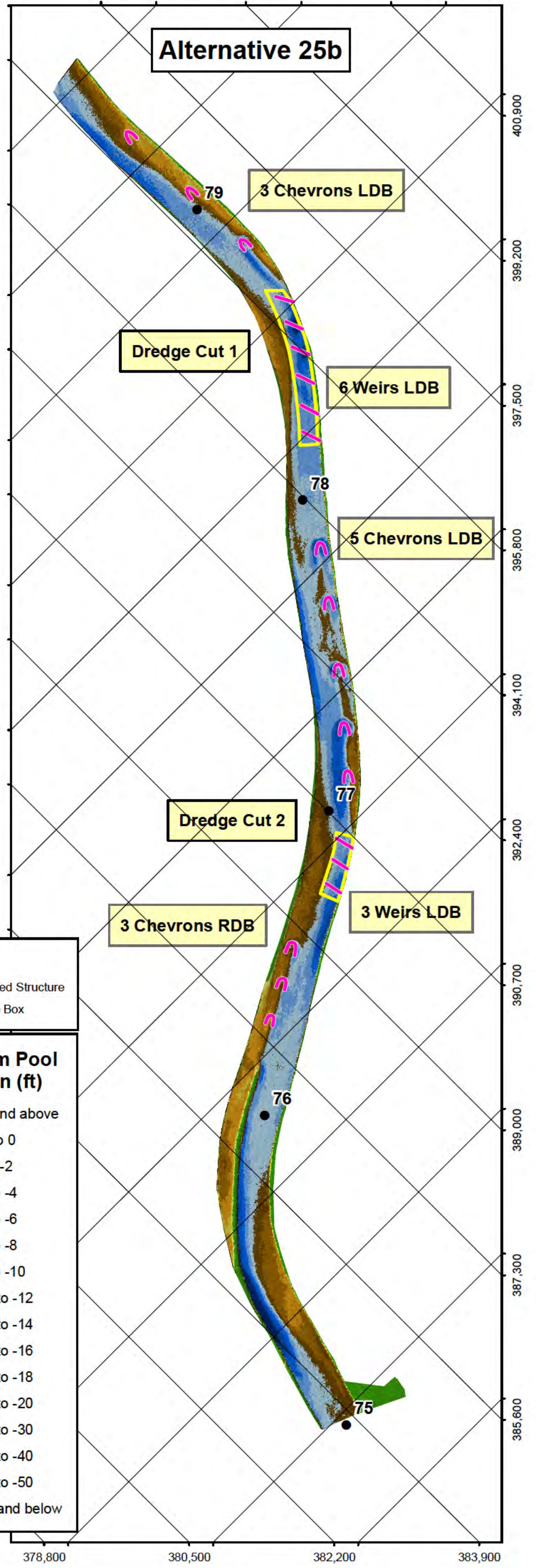
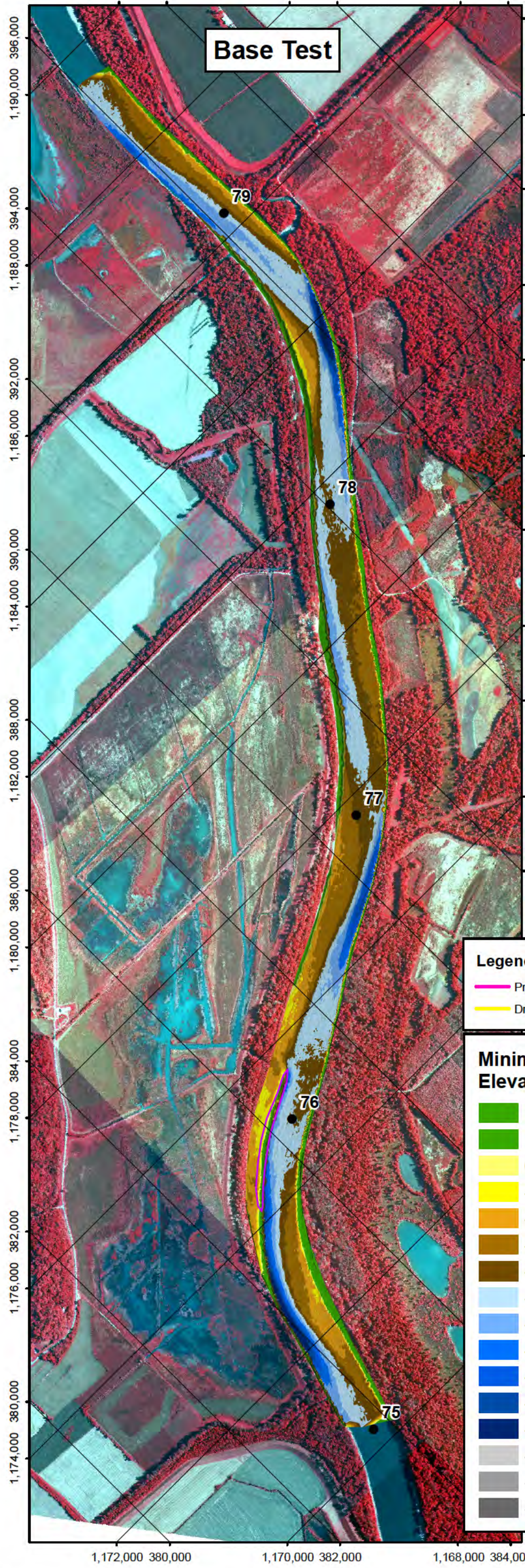
PLATE NUMBER  
**57**



U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI  Illinois River Basin St. Louis District Illinois River South of LaGrange L&D HSR Model	DESIGNED BY: <b>I NGUYEN</b>	SURVEY DATE: <b>07/14/2010</b>	
	DRAWN BY: <b>I NGUYEN</b>	REVIEWED BY: <b>J BROWN, P.E.</b>	CHECKED BY: <b>E BRAUER, P.E.</b>
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	FILE NAME: ... Illinois River\Plates	PLOT DATE: 2010	







**Legend**

- Proposed Structure
- Dredge Box

**Minimum Pool Elevation (ft)**

	10 and above
	10 to 0
	0 to -2
	-2 to -4
	-4 to -6
	-6 to -8
	-8 to -10
	-10 to -12
	-12 to -14
	-14 to -16
	-16 to -18
	-18 to -20
	-20 to -30
	-30 to -40
	-40 to -50
	-50 and below

PLATE NUMBER  
**58**

0 500 1,000 2,000 3,000 Feet

**Illinois HSR Model**  
Alternative 25b

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

Illinois River Basin  
St. Louis District  
Illinois River South of LaGrange L&D  
HSR Model

DESIGNED BY: <b>I NGUYEN</b>	SURVEY DATE: <b>07/14/2010</b>
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