US Army Corps of Engineers®
Memphis District

CHANNEL IMPROVEMENT

4 March 2003

DIKES – FY 2003

916-R Island 7 & 8, KY

905-R Donaldson Point, MO

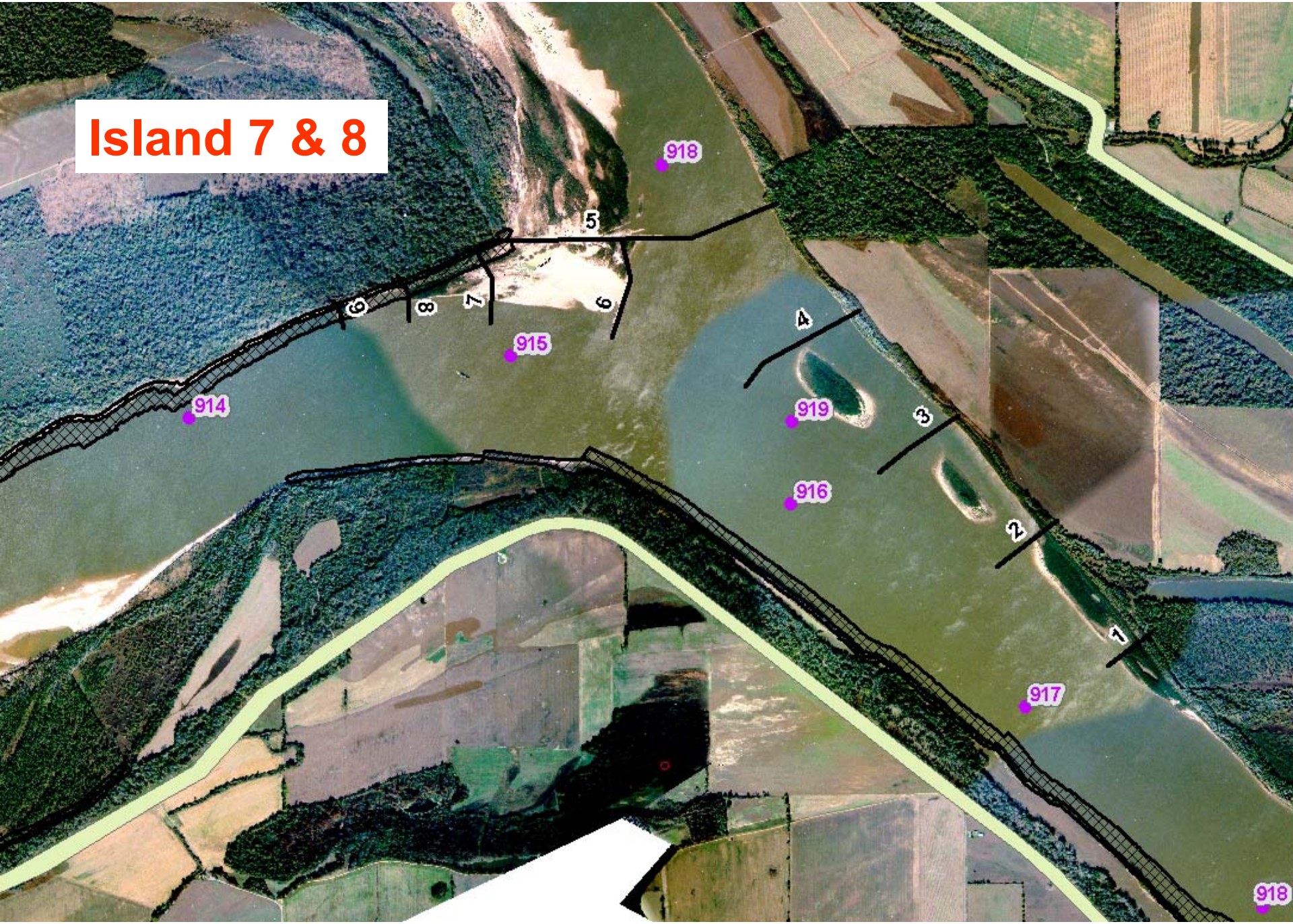
902-L Below Island 9, TN

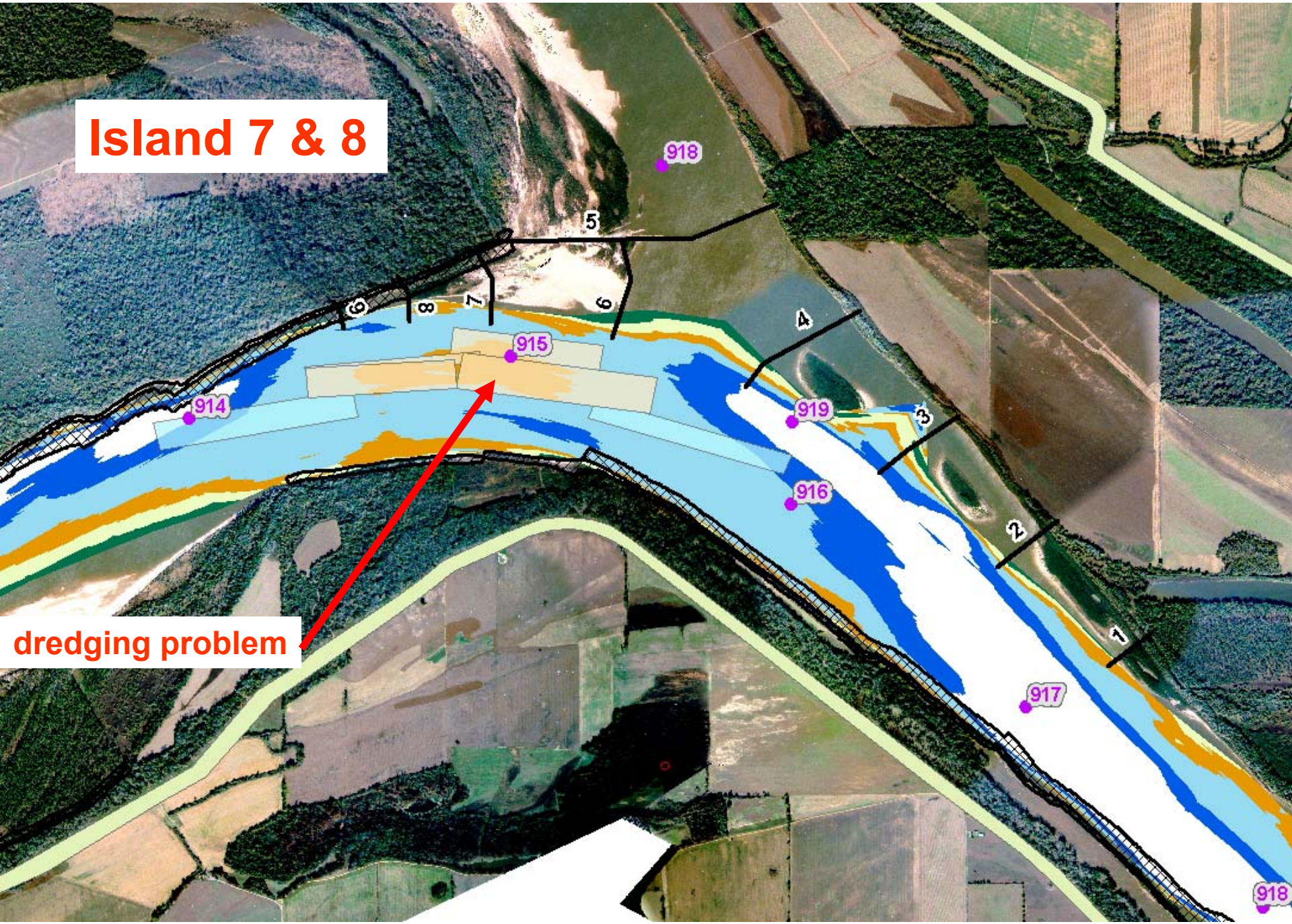
774-L Hatchie Towhead, TN

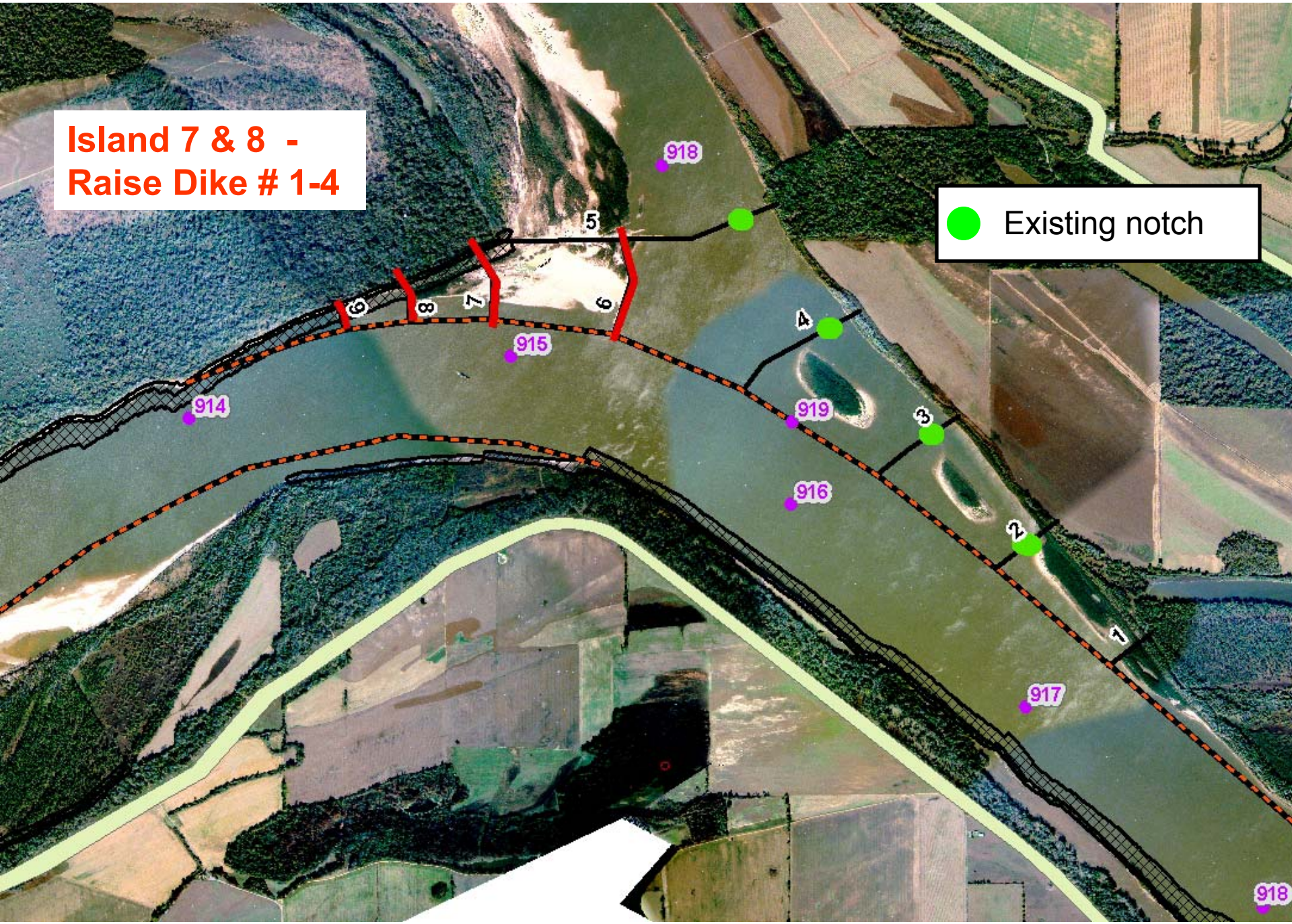
697-R Porter Lake, AR

696-R Basket Bar, AR

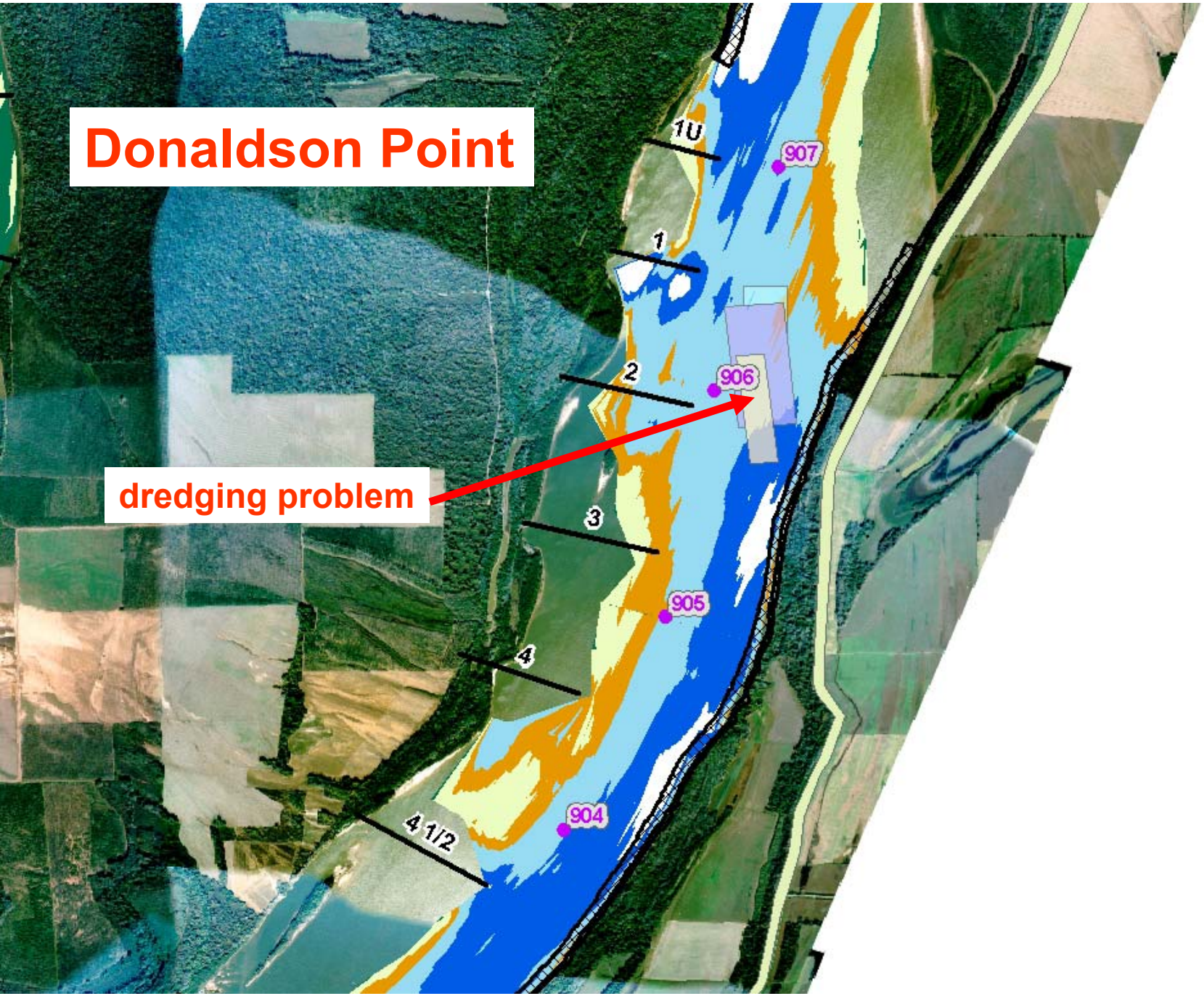
Island 7 & 8

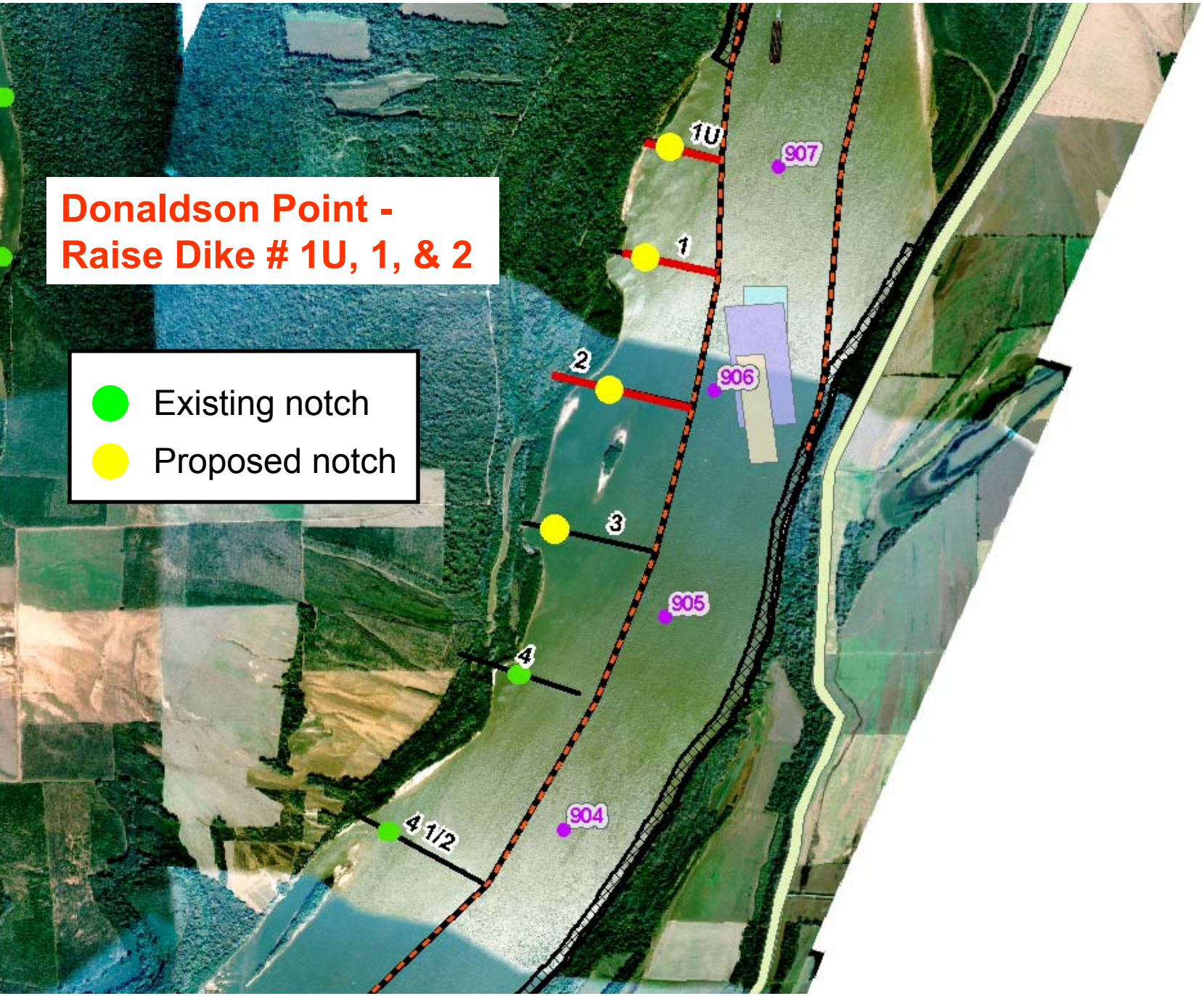



Island 7 & 8
dredging problem
918
5
6
8
7
6
4
915
914
919
3
916
2
1
917
918

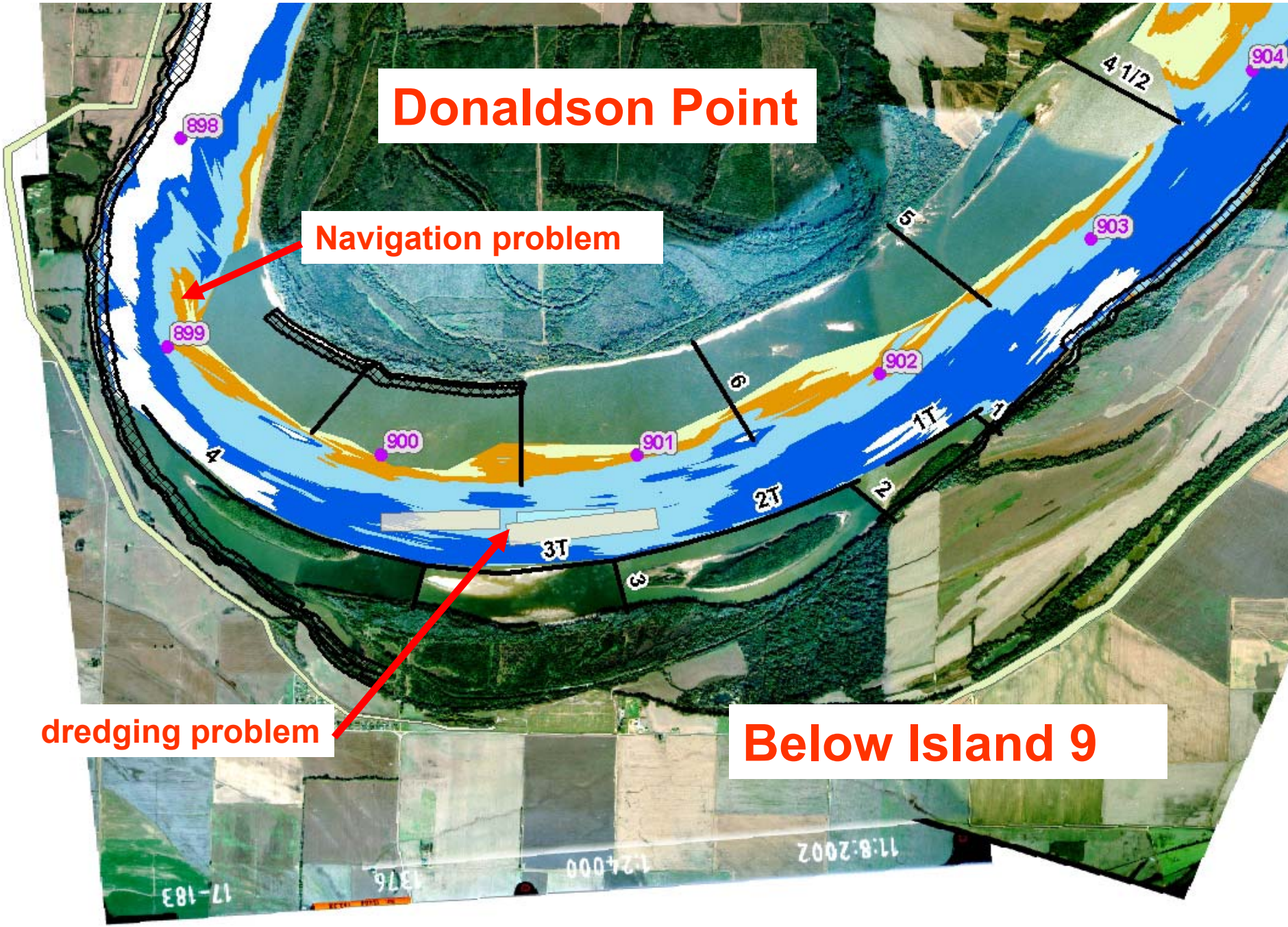

Island 7 & 8 -
Raise Dike # 1-4
Existing notch
918
5
9
8
7
6
915
914
4
919
3
916
2
1
917
918

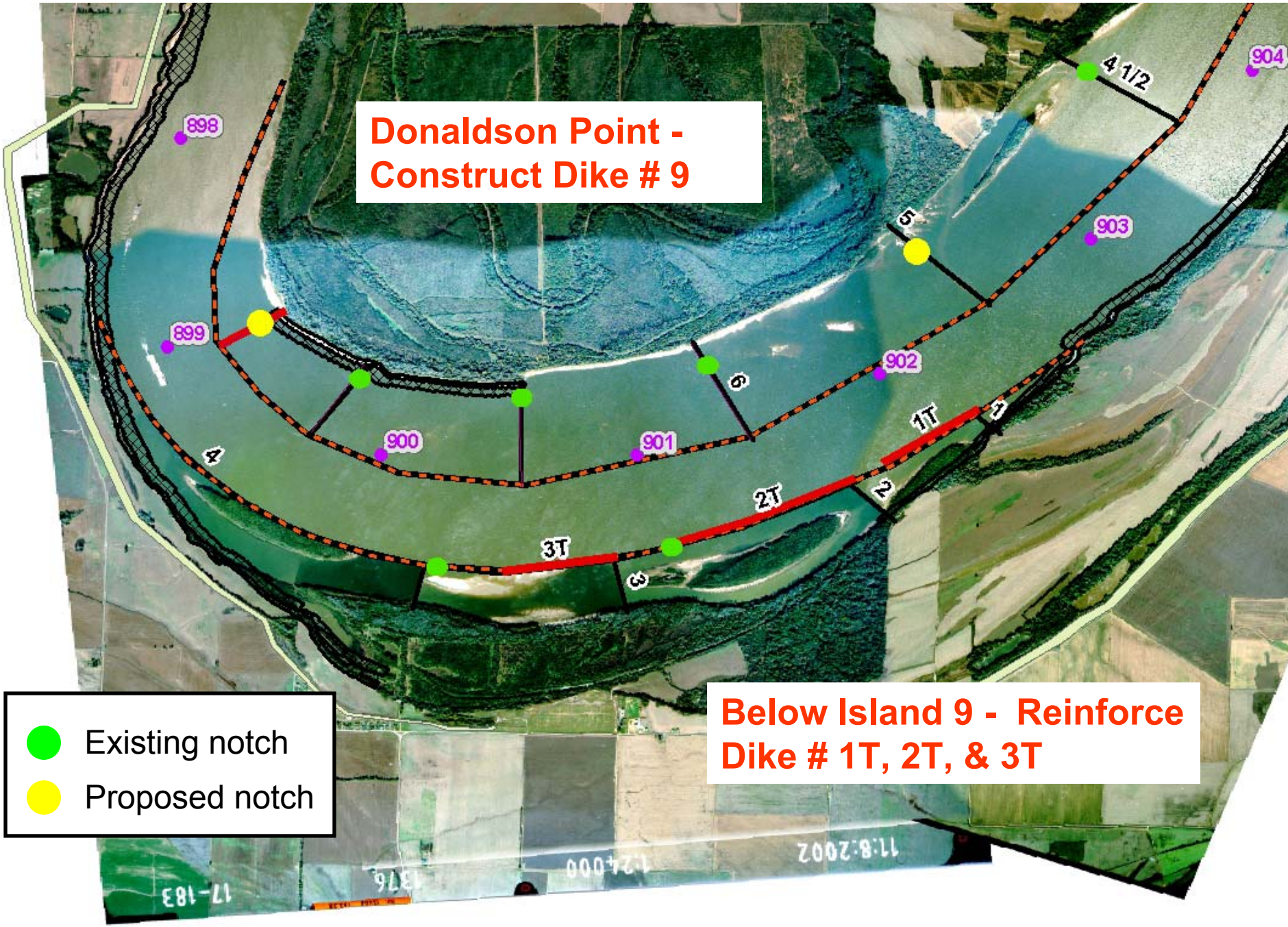
Donaldson Point


Donaldson Point
dredging problem
1U
1
2
3
4
4 1/2
907
906
905
904

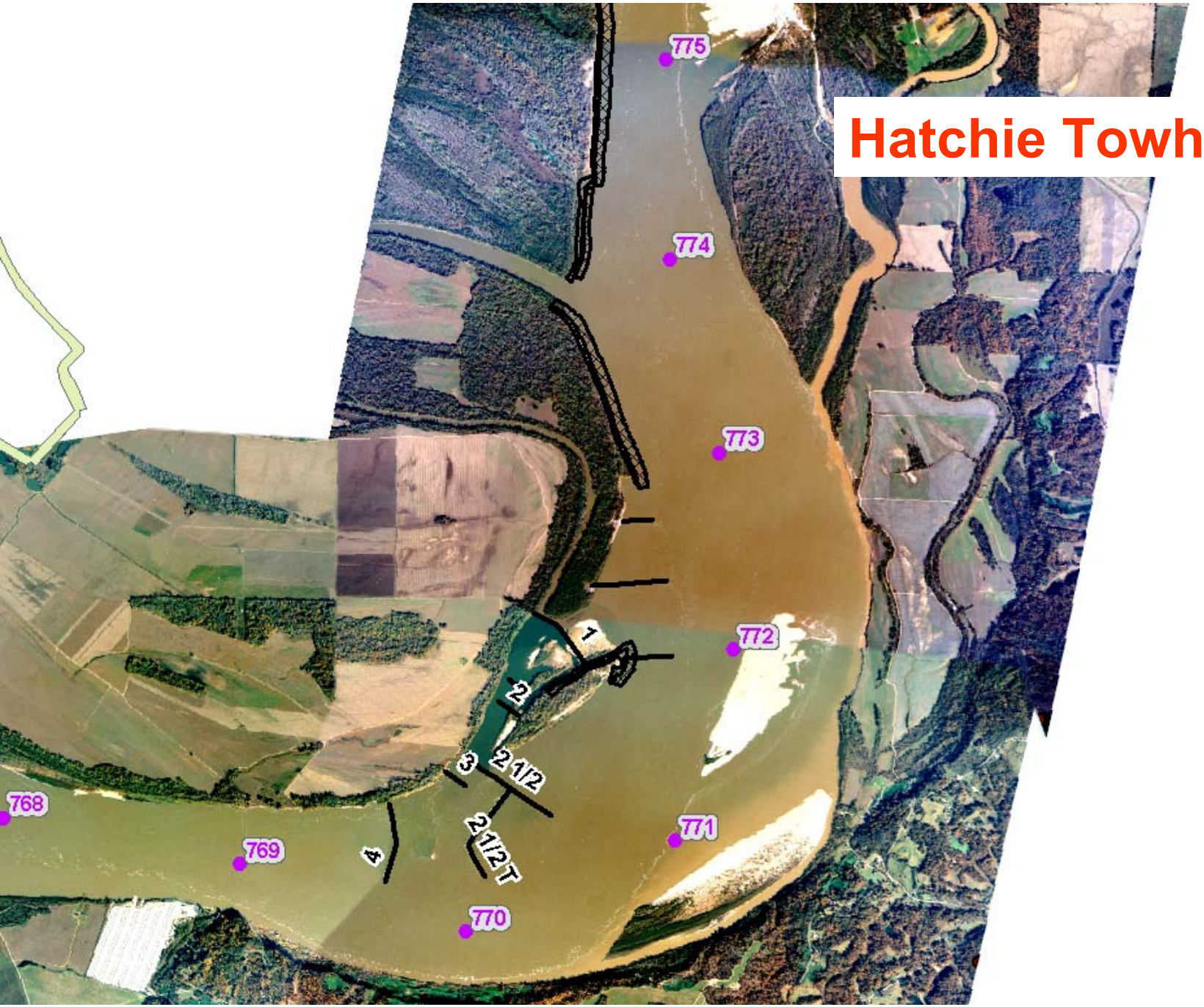

Donaldson Point -
Raise Dike # 1U, 1, & 2
Existing notch
Proposed notch
1U
1
2
3
4
4 1/2
907
906
905
904

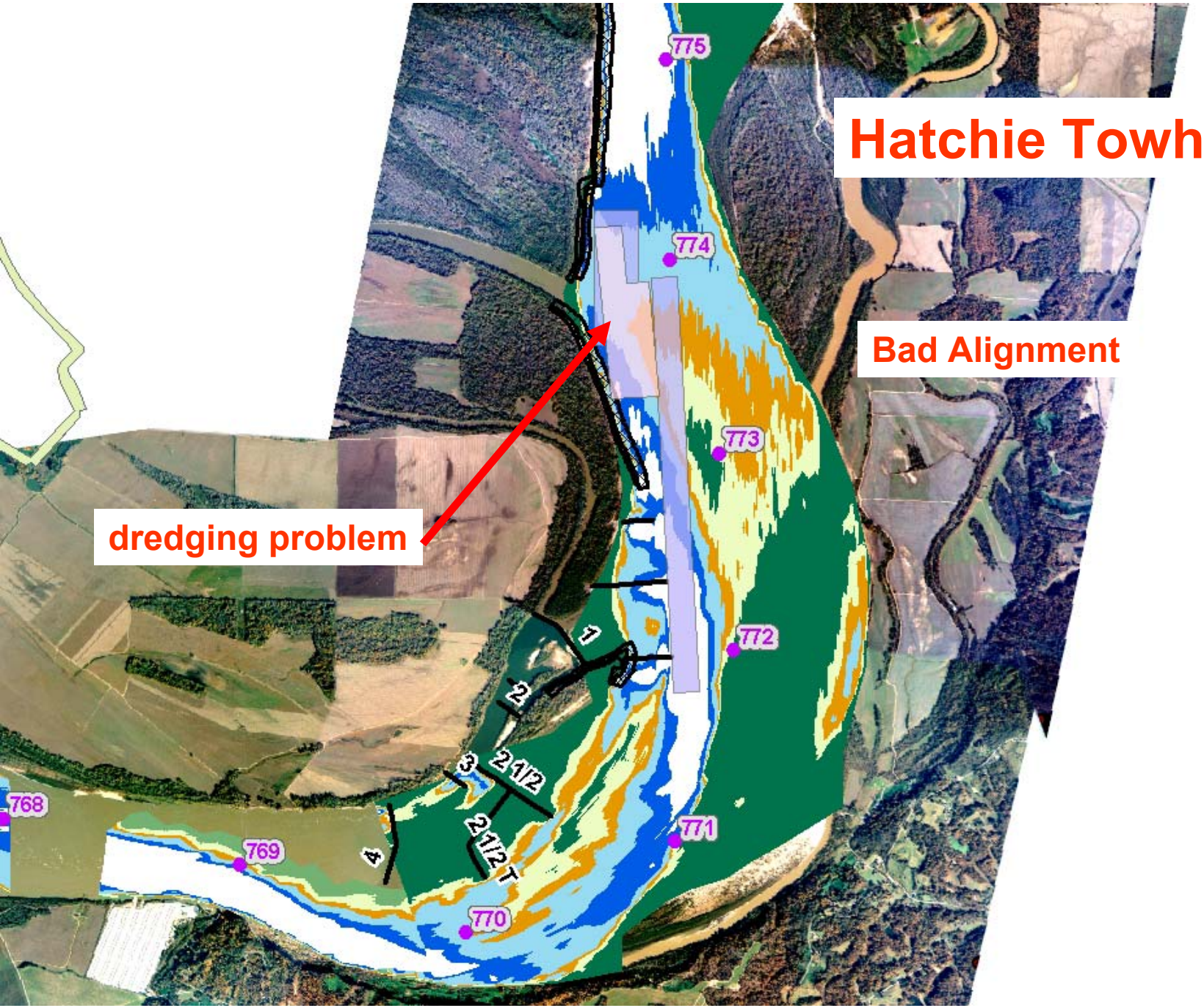
Donaldson Point
Below Island 9
898
899
900
901
902
903
904
4 1/2
5
6
1T
1
2T
2
3T
3
4

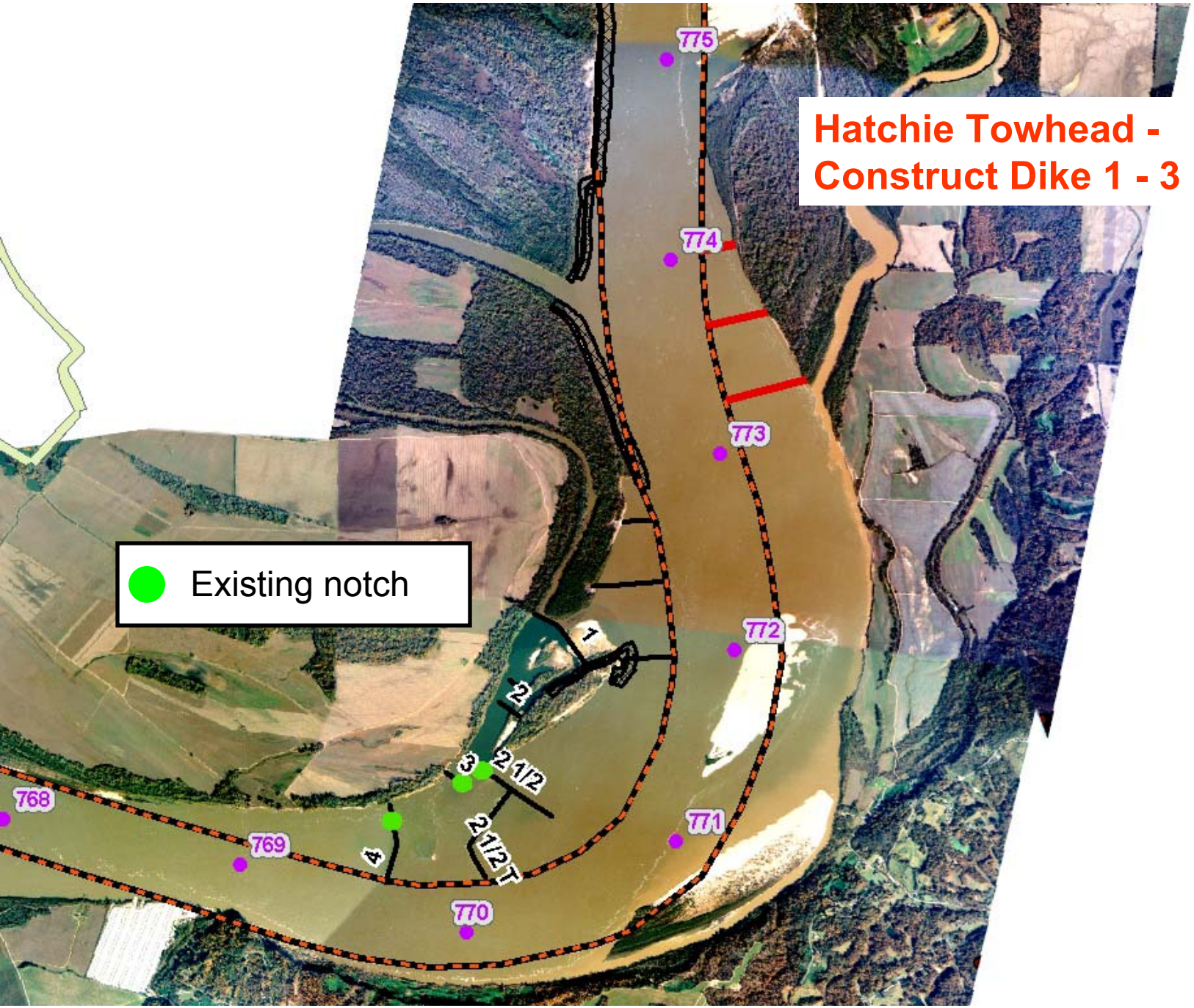

Donaldson Point
Navigation problem
dredging problem
Below Island 9
898
899
900
901
902
903
904
4 1/2
5
6
4
1T
2T
3T
2
3


Donaldson Point -
Construct Dike # 9
Below Island 9 - Reinforce
Dike # 1T, 2T, & 3T
Existing notch
Proposed notch
898
899
900
901
902
903
904
4 1/2
5
6
4
3
2
1
1T
2T
3T
17-183
1376
1:24000
11:8:2002

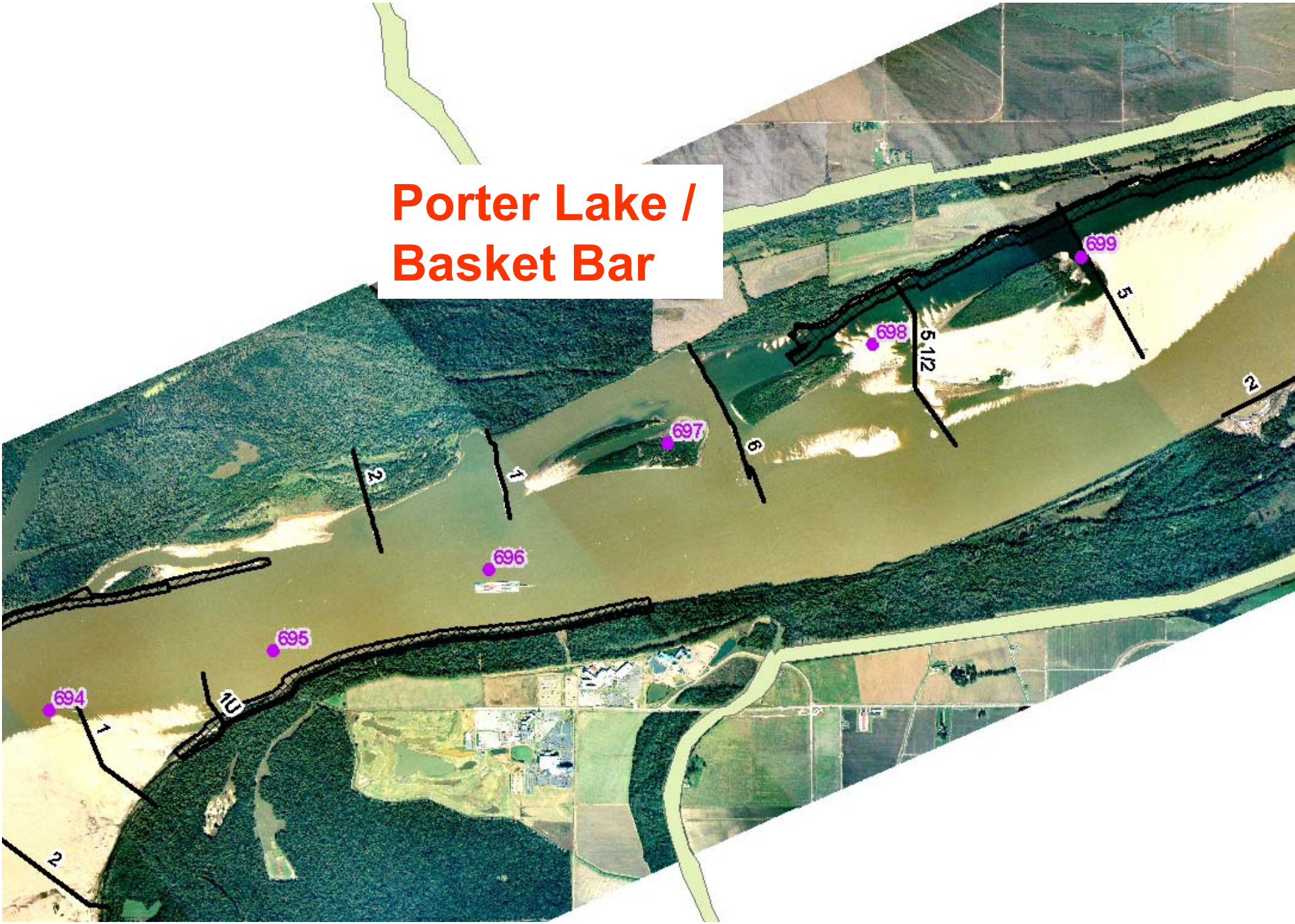
Hatchie Towhead

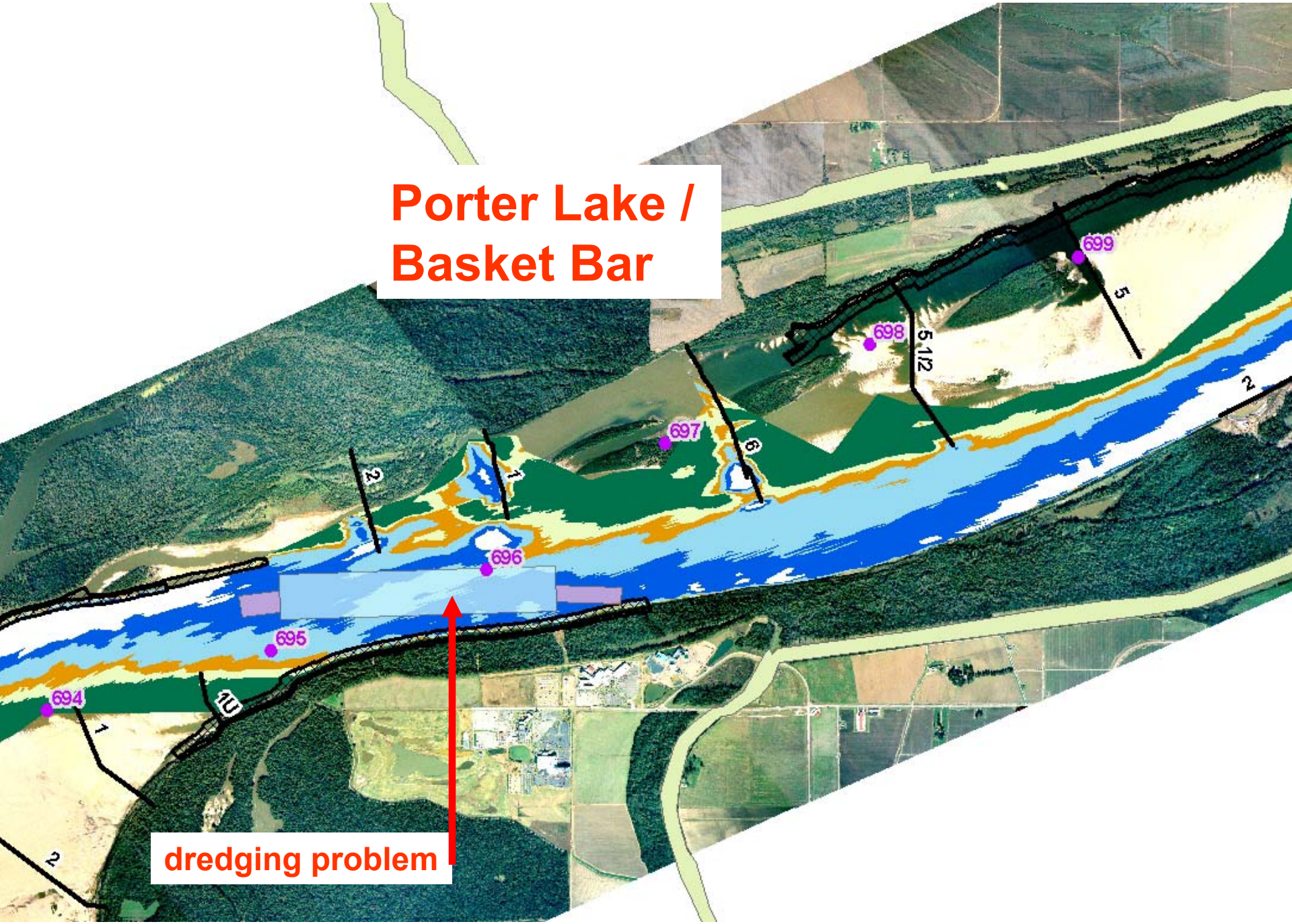



Hatchie Towhead
Bad Alignment
dredging problem
775
774
773
772
771
770
769
768
1
2
2 1/2
3
2 1/2 T
4

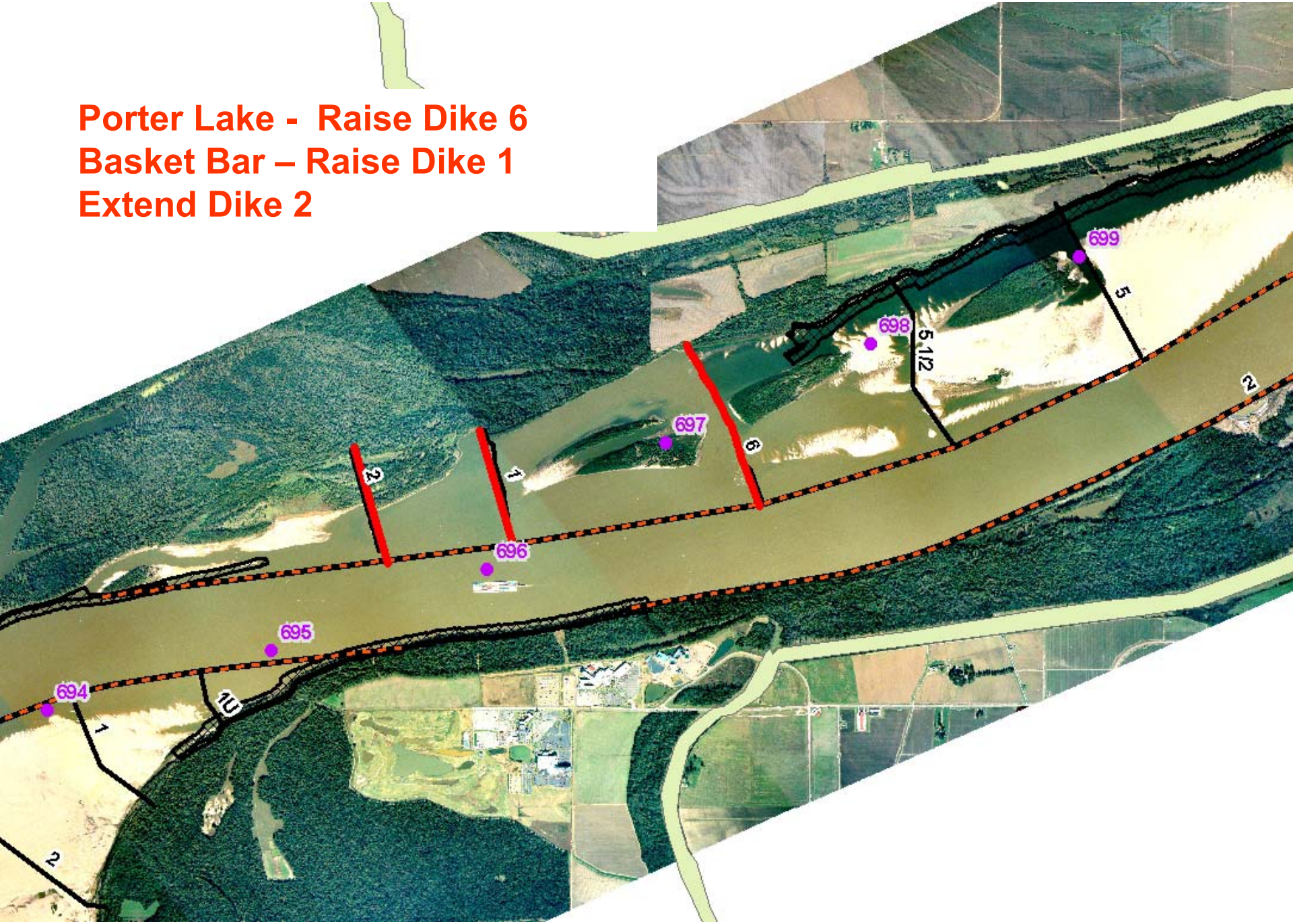

Hatchie Towhead -
Construct Dike 1 - 3
Existing notch
775
774
773
772
771
770
769
768
1
2
2 1/2
2 1/2 T
3
4

Porter Lake / Basket Bar




Porter Lake /
Basket Bar
dredging problem
694
695
696
697
698
699
1
2
1U
6
5 1/2
5

Porter Lake - Raise Dike 6
Basket Bar – Raise Dike 1
Extend Dike 2



DIKES – FY 2004

928-R Moore Island, MO

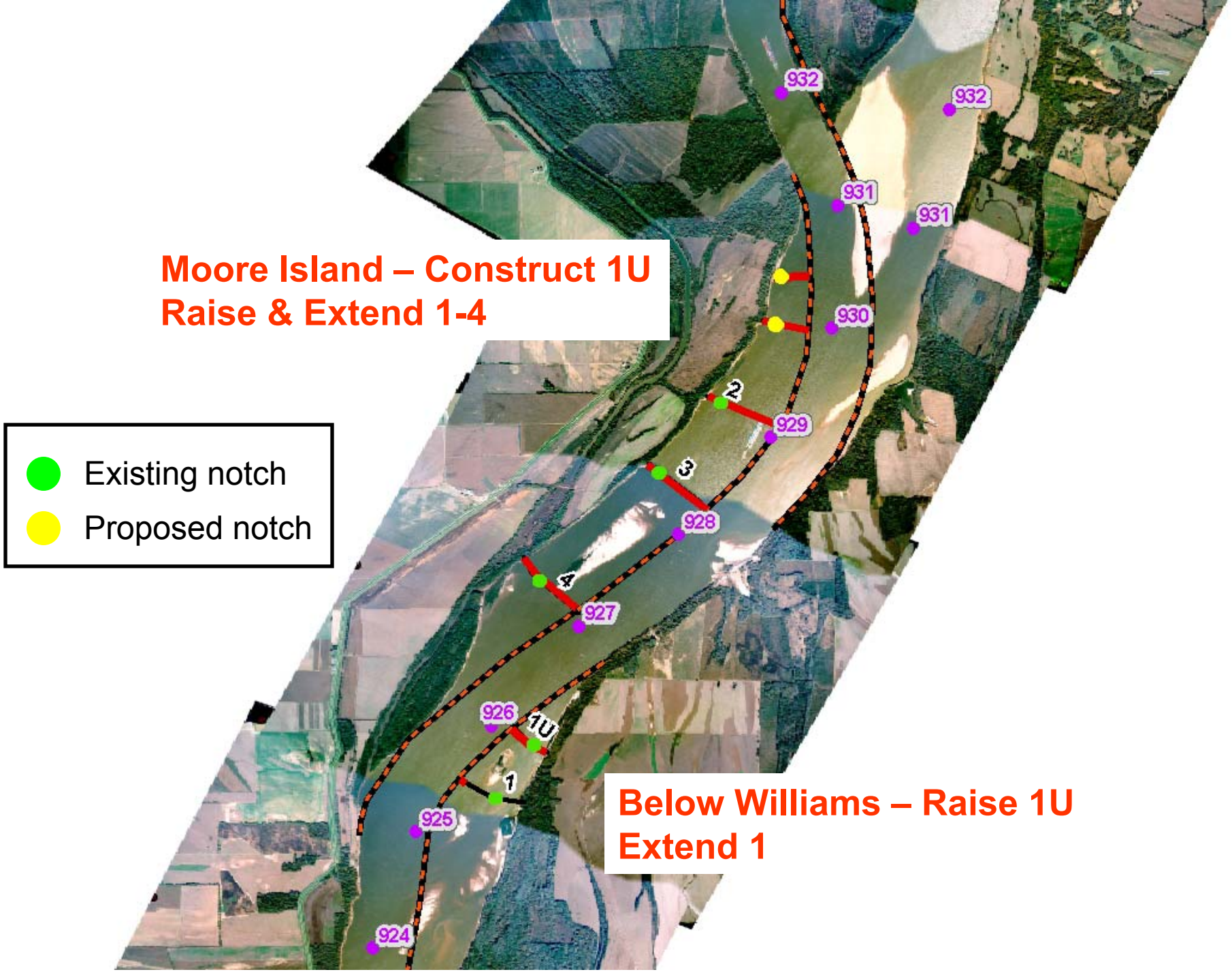
926-L Below Williams, KY

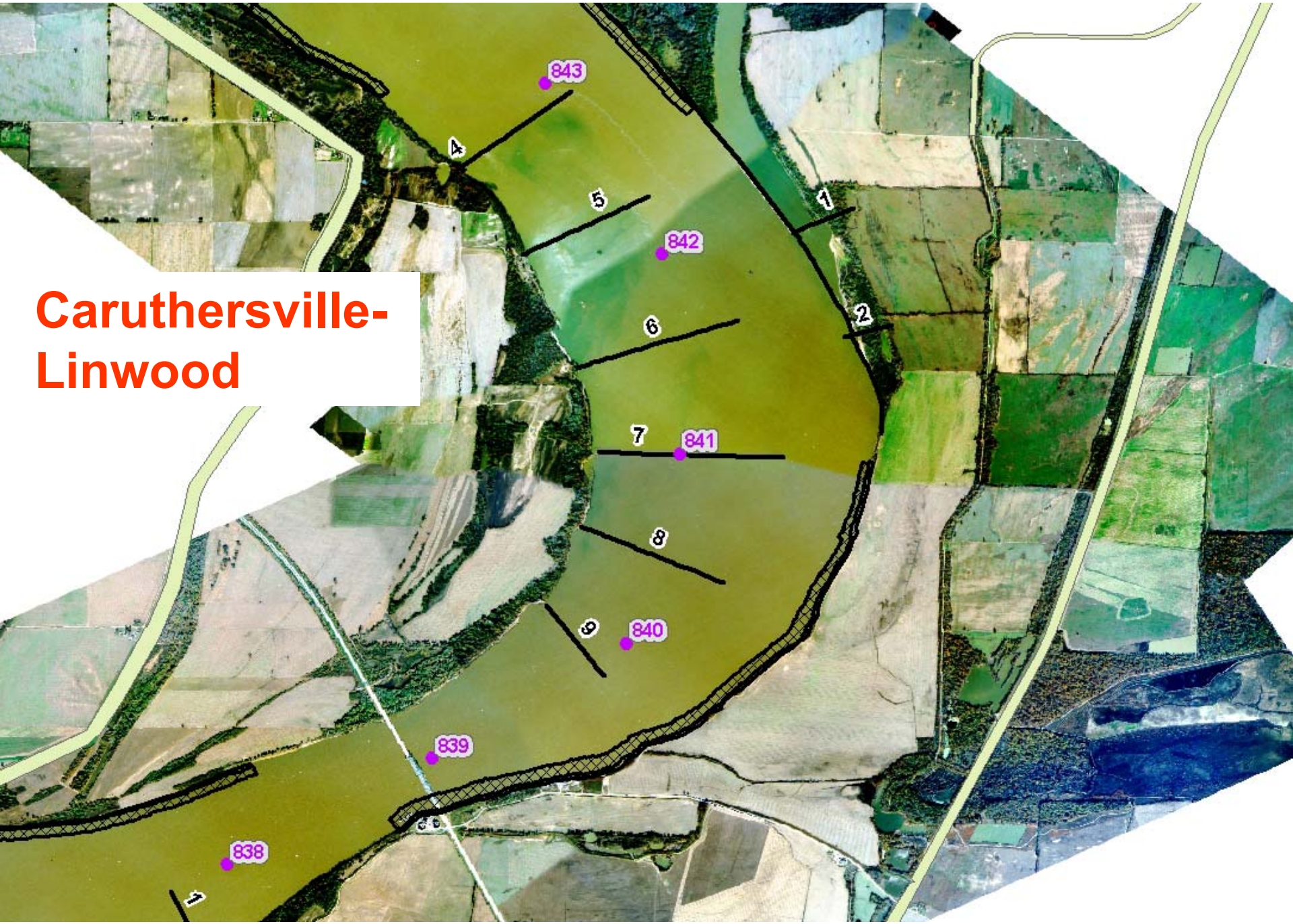
846-R Caruthersville-Linwood Bend, MO

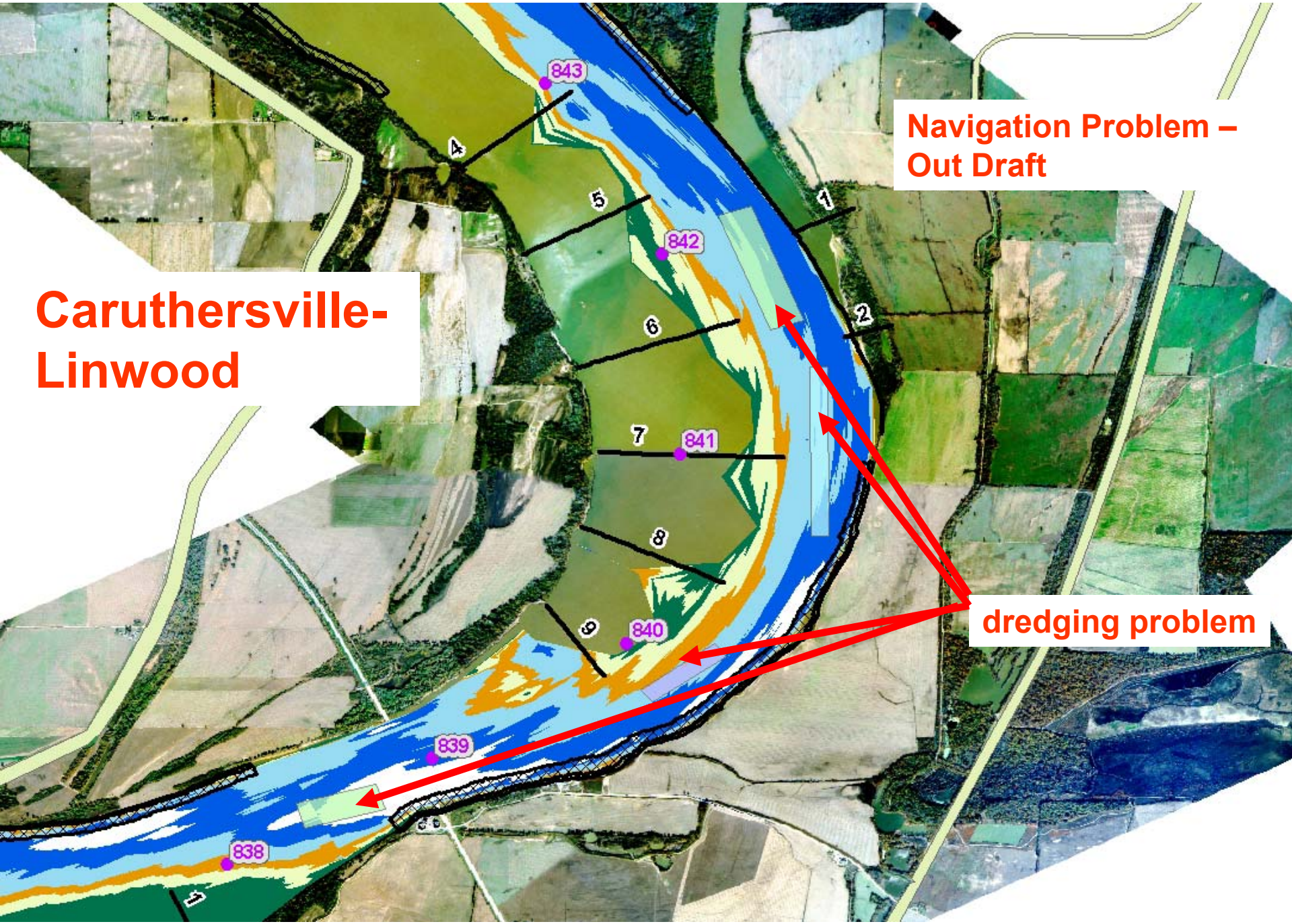
780-L Drivers Bar, TN

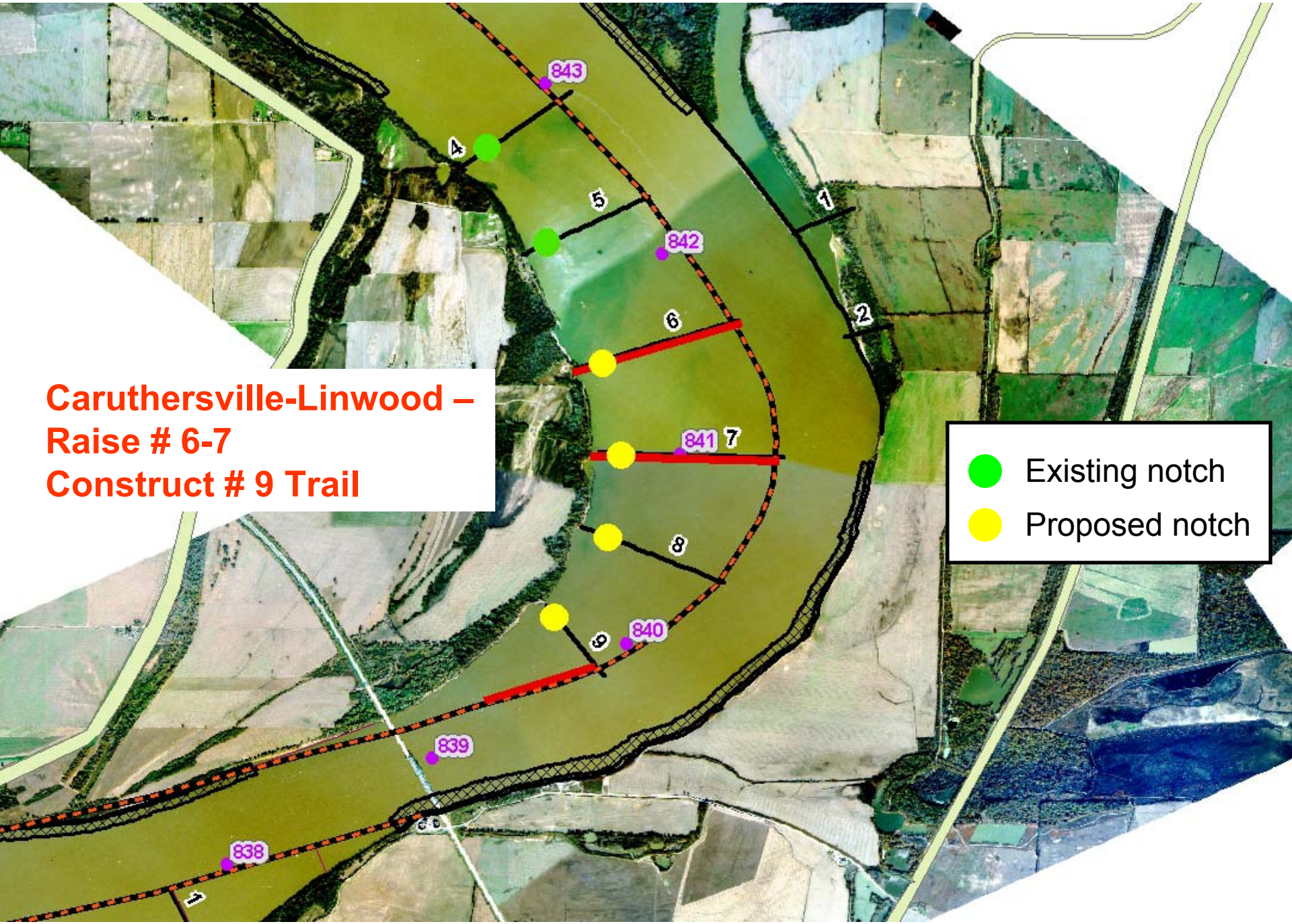
Moore Island
Below Williams
932
932
931
931
930
929
928
927
926
925
924
2
3
4
1U
1

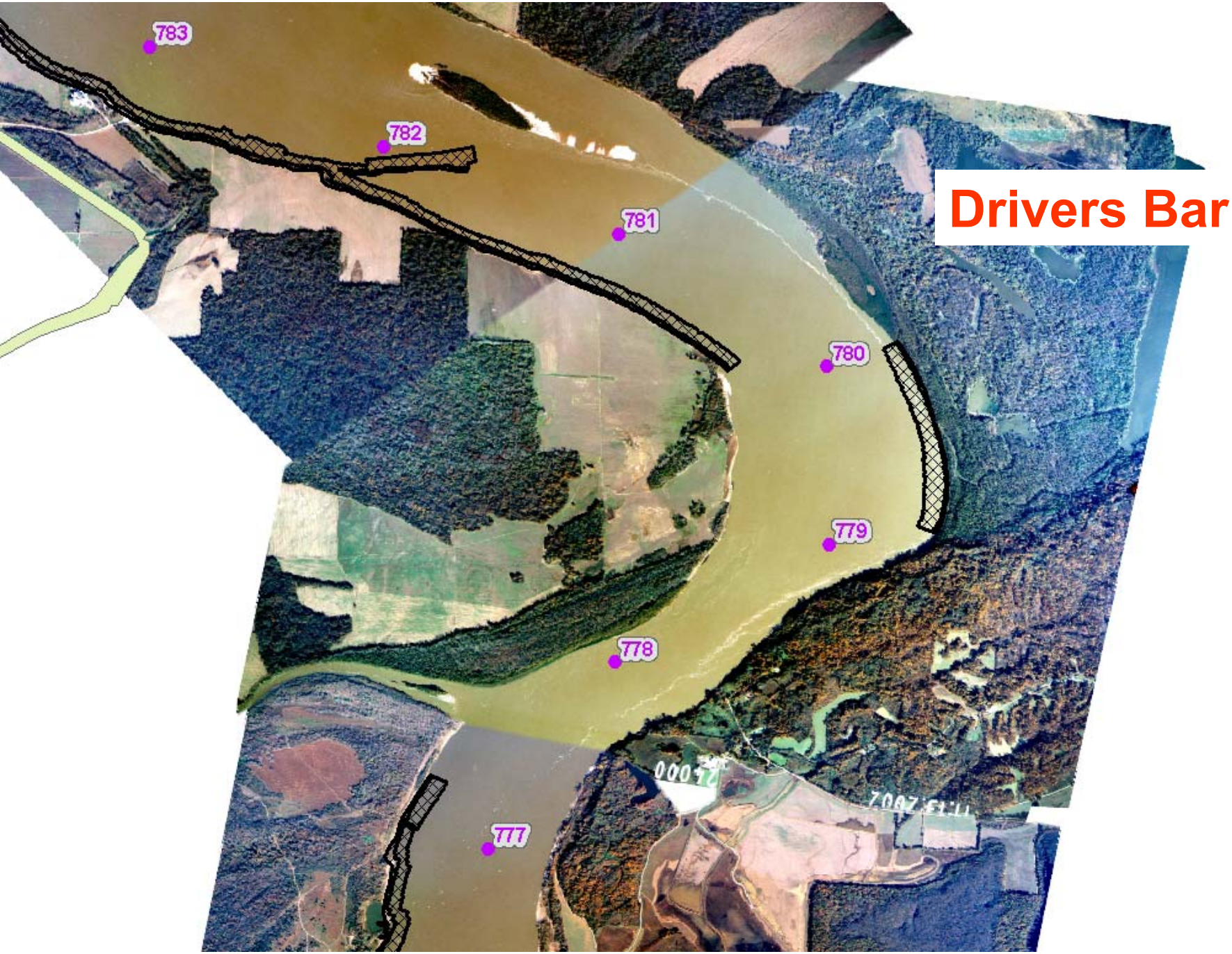
Moore Island
3 mile crossing
dredging problem
Below Williams
932
932
931
931
930
929
928
927
926
925
924
1
1U
2
3
4

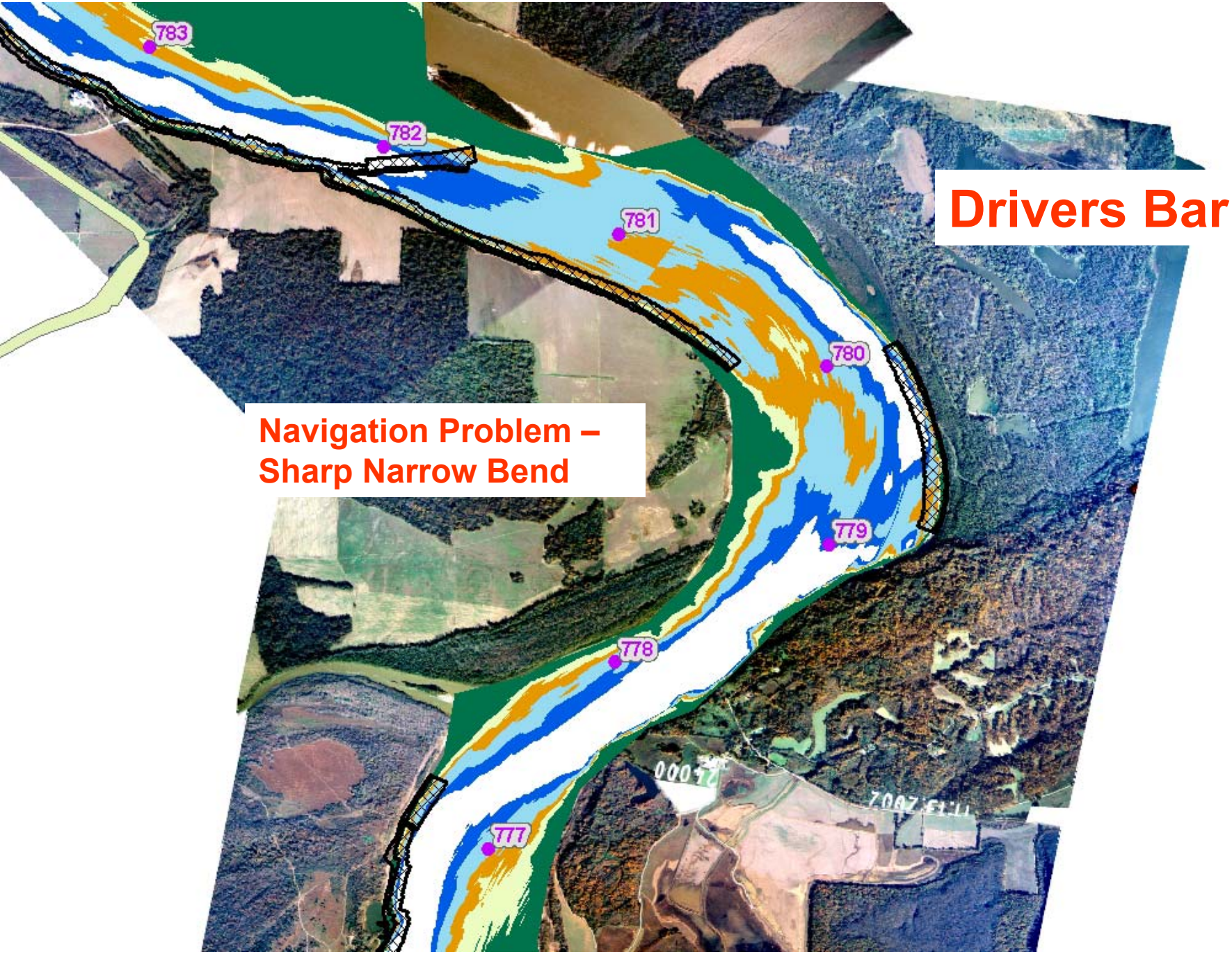

Moore Island – Construct 1U
Raise & Extend 1-4
Existing notch
Proposed notch
Below Williams – Raise 1U
Extend 1
932
932
931
931
930
929
928
927
926
925
924
1
1U
2
3
4


Caruthersville-
Linwood
843
842
841
840
839
838
1
2
4
5
6
7
8
9

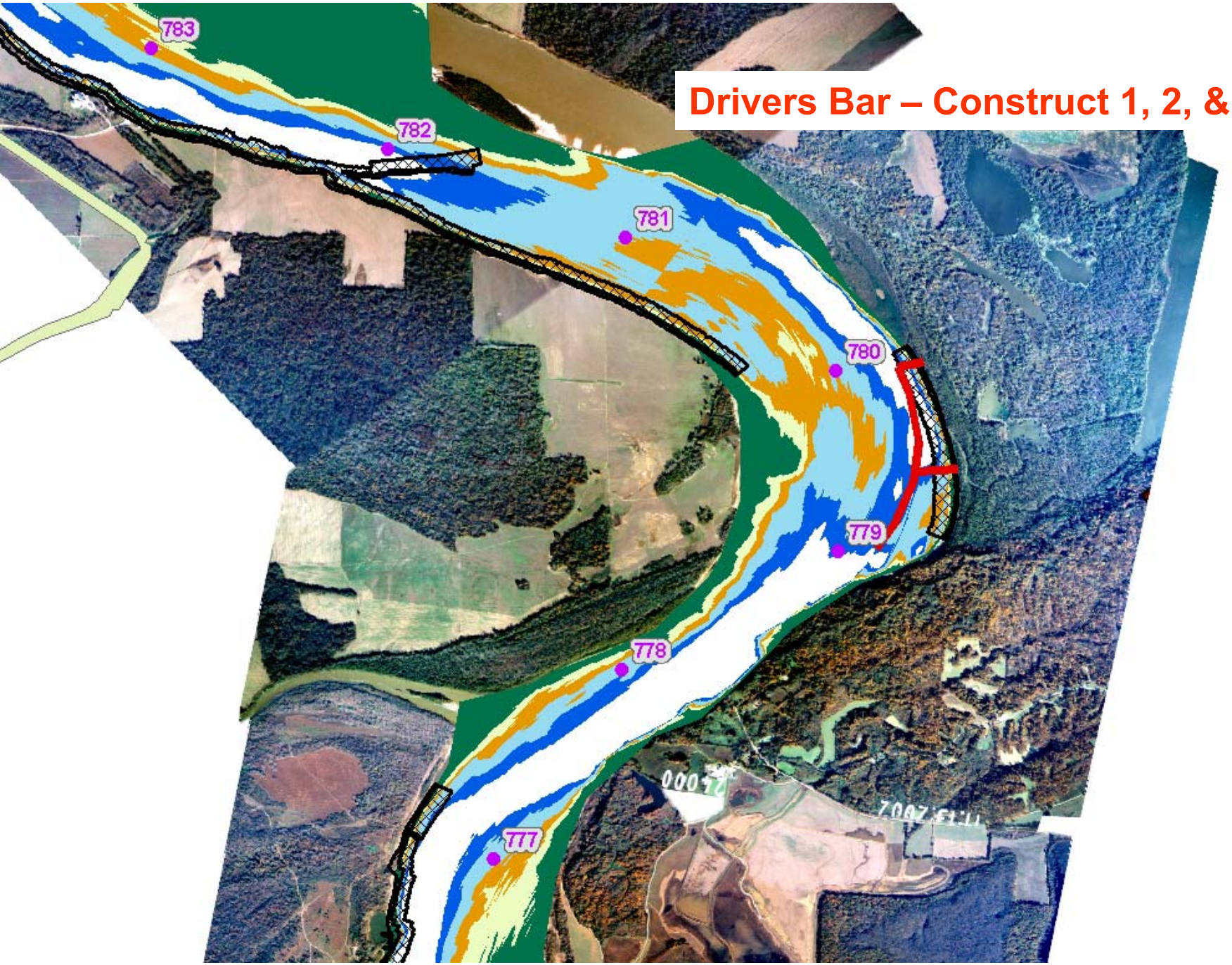

Navigation Problem –
Out Draft
Caruthersville-
Linwood
dredging problem
843
842
841
840
839
838
1
2
4
5
6
7
8
9


Caruthersville-Linwood –
Raise # 6-7
Construct # 9 Trail
843
842
841
840
839
838
1
2
4
5
6
7
8
9
Existing notch
Proposed notch

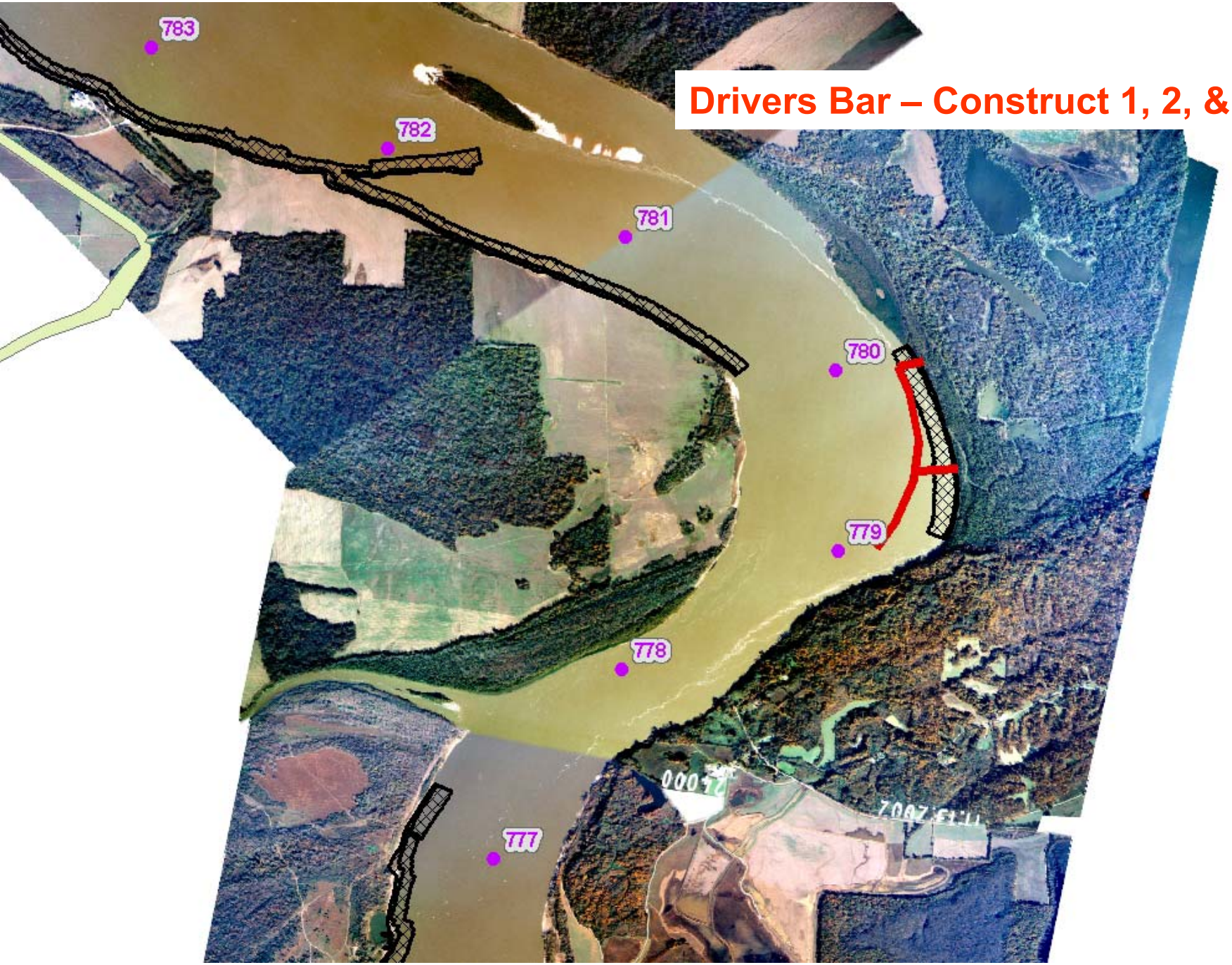

Drivers Bar
783
782
781
780
779
778
777


783
782
781
780
779
778
777
Drivers Bar
Navigation Problem –
Sharp Narrow Bend

Drivers Bar – Construct 1, 2, & 2T



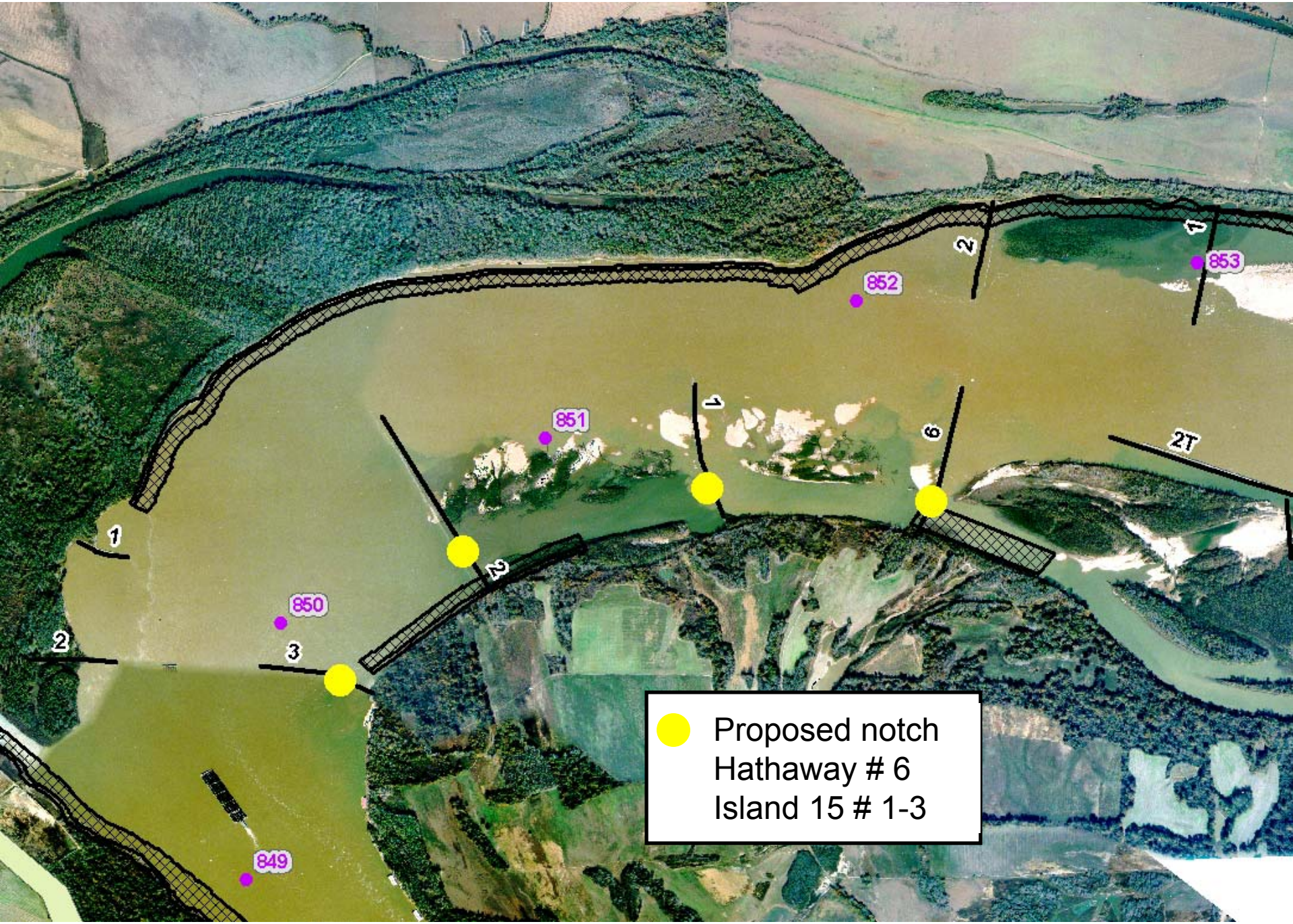
Drivers Bar – Construct 1, 2, & 2T



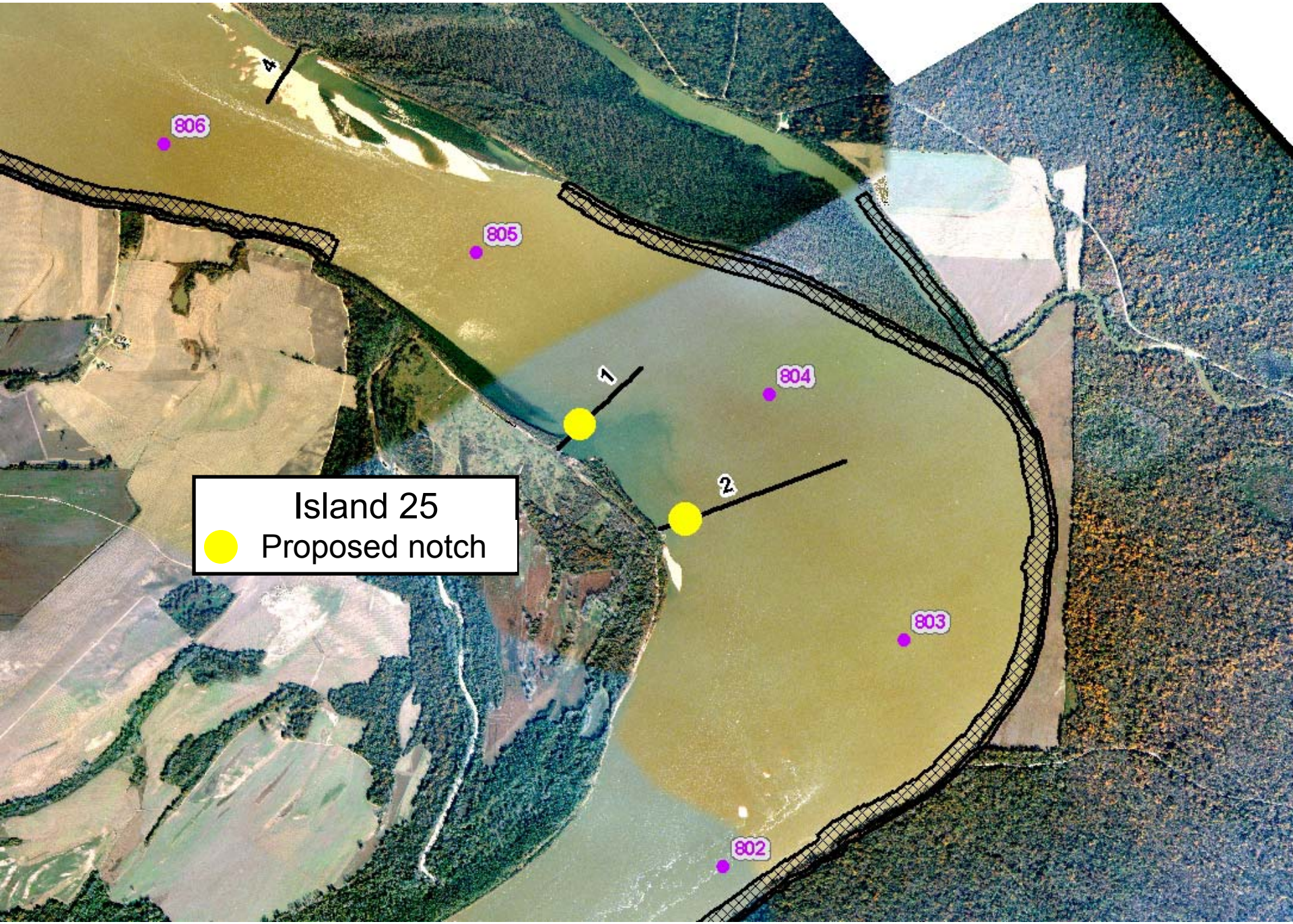
Driver Bar.avi

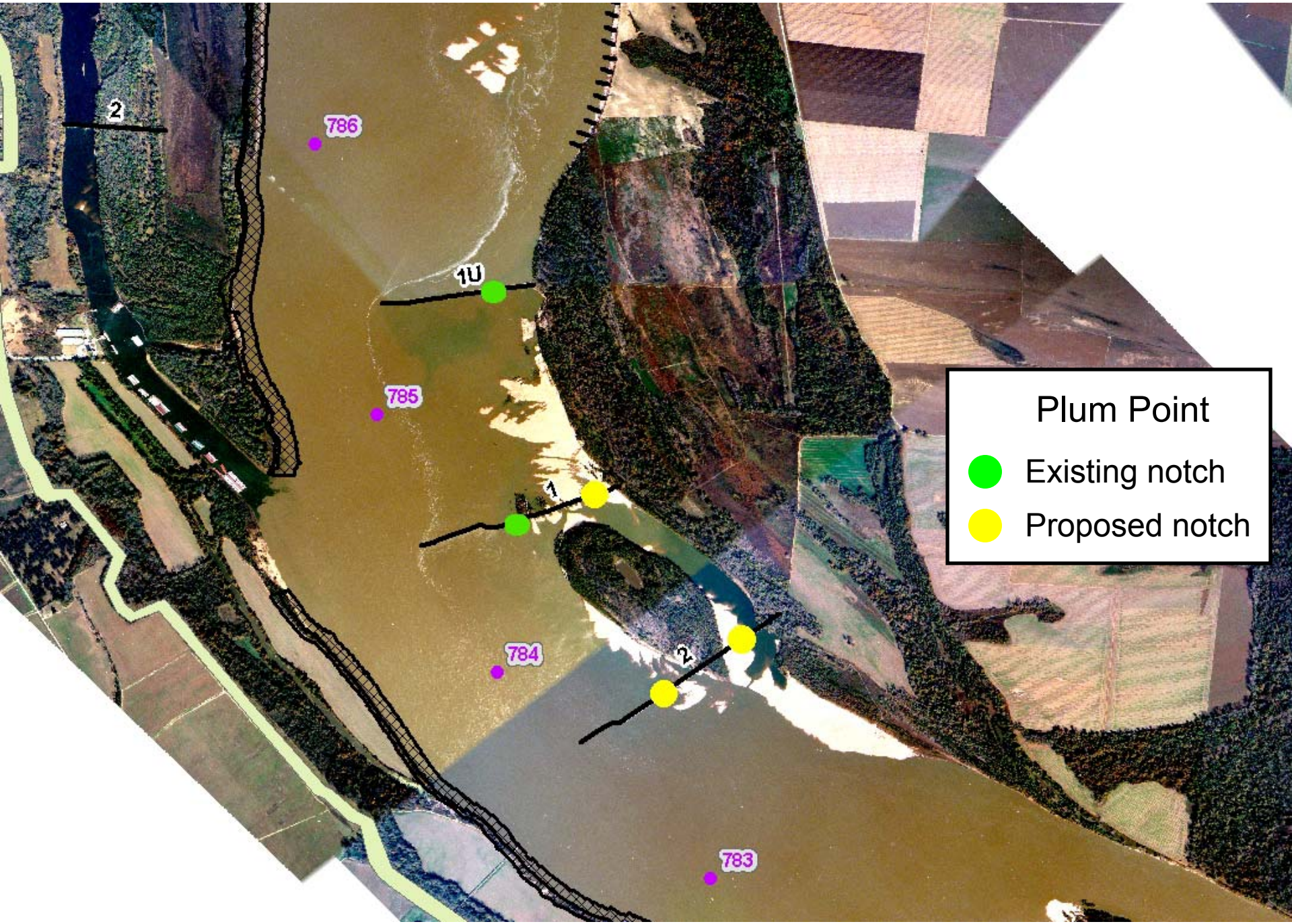
Environmental Notches – FY 2003

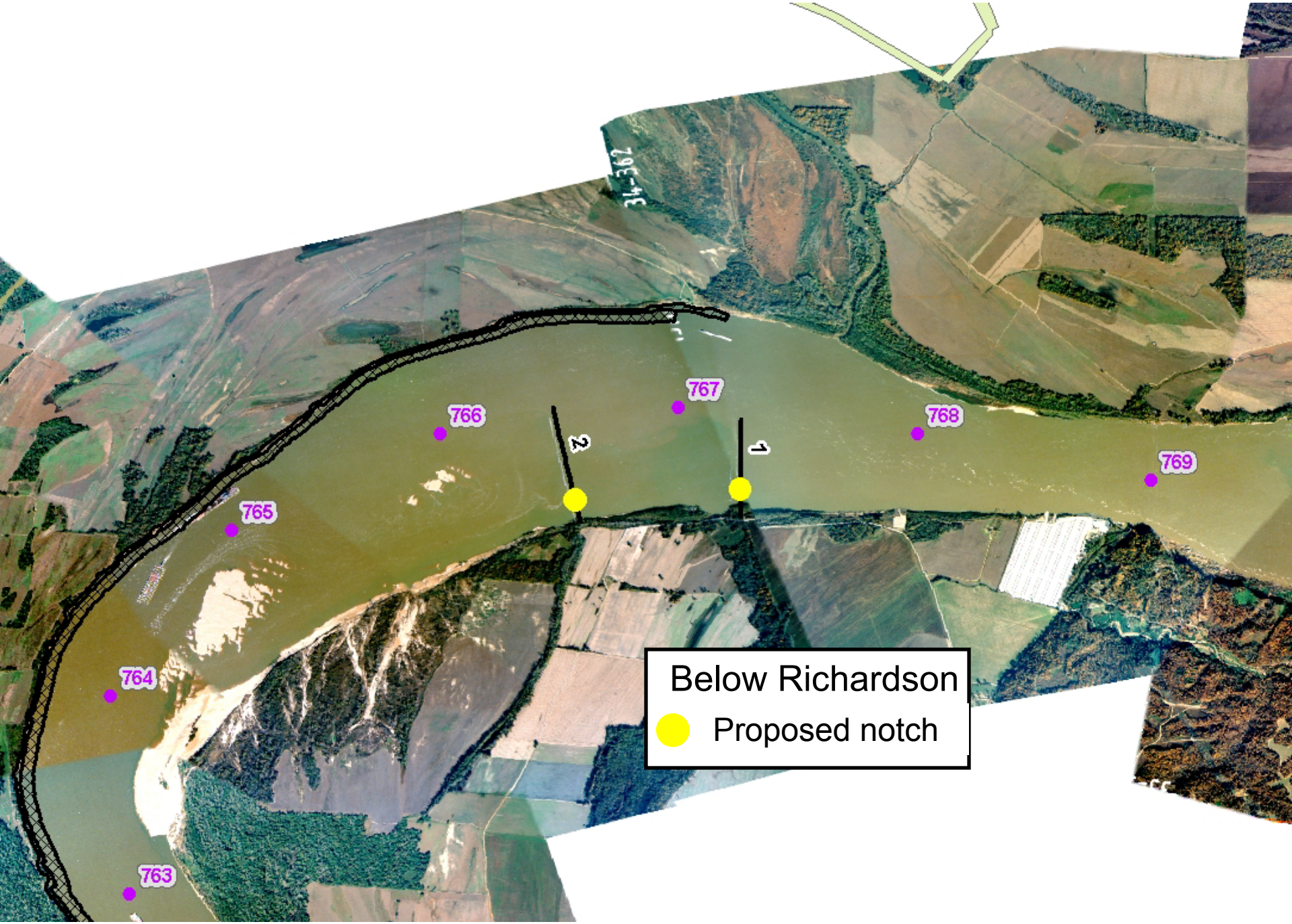
852-L	Hathaway, TN	Not Complete
851-L	Island 15, TN	Not Complete
804-R	Island 25, AR	Not Complete
784-L	Plum Point, TN	Part Complete
767-L	Below Richardson Landing, TN	Not Complete
704-L	Pickett, MS	Complete
614-R	Below Knowlton, AR	Part Complete

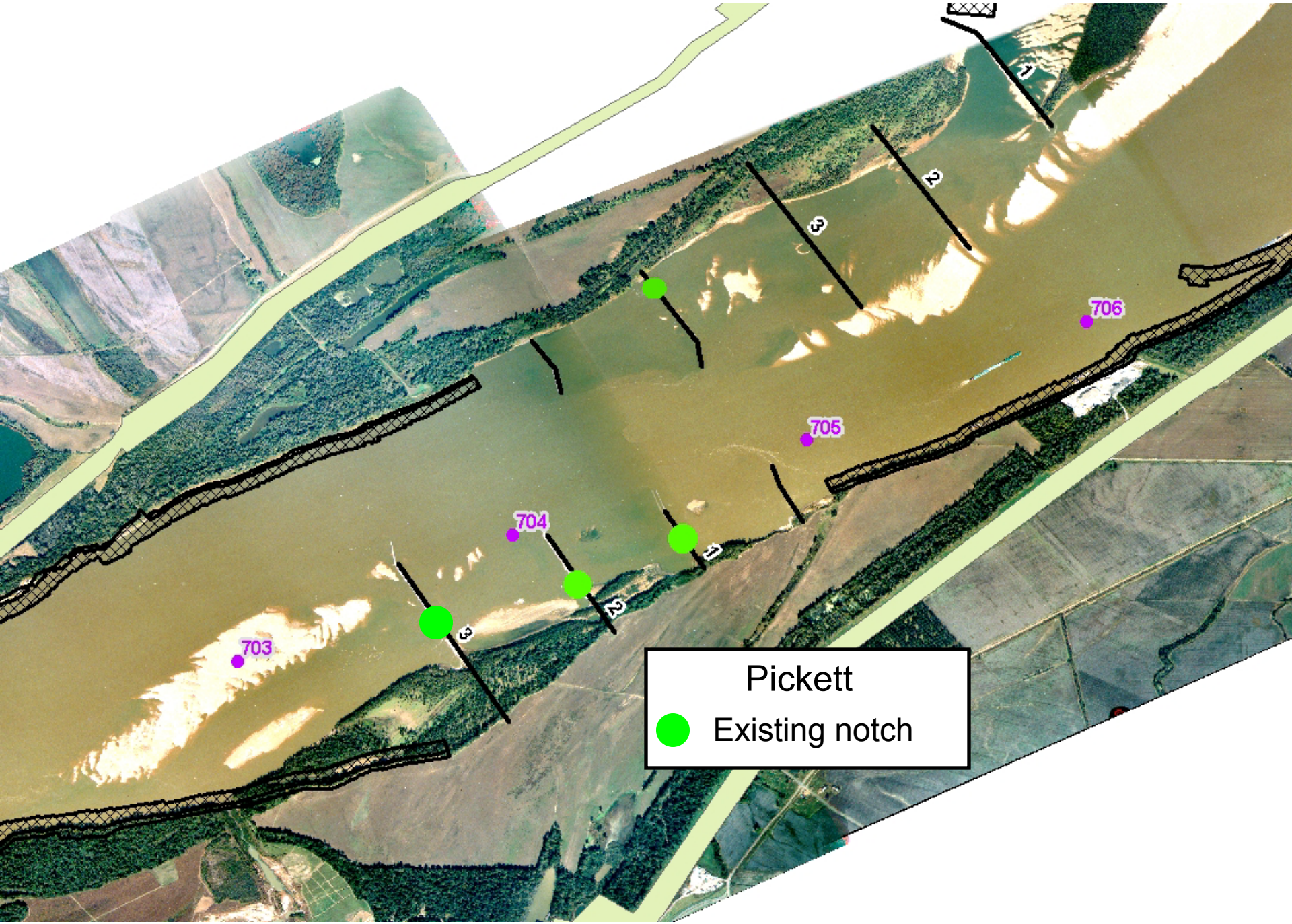


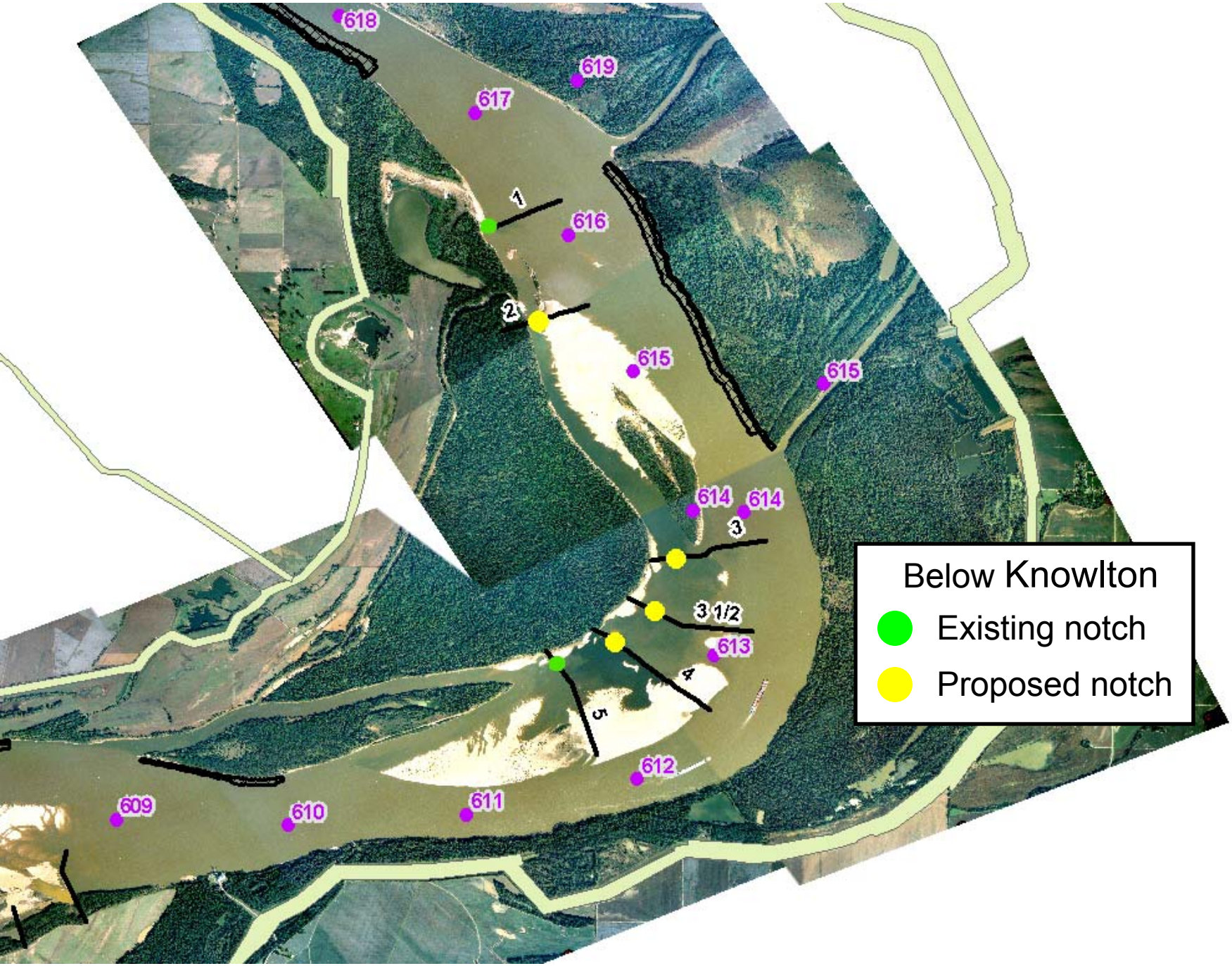
853
852
851
850
849
1
2
3
6
2T
Proposed notch
Hathaway # 6
Island 15 # 1-3


Island 25
Proposed notch
806
805
804
803
802
1
2
4


2
786
1U
785
1
784
2
783
Plum Point
Existing notch
Proposed notch


Below Richardson
Proposed notch
763
764
765
766
767
768
769
1
2


Pickett
Existing notch
703
704
705
706
1
2
3
4
5
6
7


618
619
617
1
616
2
615
615
614
614
3
3 1/2
613
4
5
612
609
610
611
Below Knowlton
Existing notch
Proposed notch

CANDIDATES FOR ENVIRONMENTAL NOTCHES OF EXISTING DIKES

902R	DONALDSON POINT	757L	DENSFORD BAR DIKES
882R	ISLAND 11 DIKES	754R	CORONA BAR DIKES
851L	ISLAND 15 DIKES	704L	PICKETT DIKES
818R	WRIGHTS POINT DIKES	701.5R	PORTER LAKE
804R	ISLAND 25 DIKES	676.5R	BELOW WALNUT BEND
784L	PLUM POINT DIKES	630R	ISLAND 64
767L	BELOW RICHARDSON LANDING	612R	BELOW KNOWLTON

CANDIDATES FOR ENVIRONMENTAL NOTCHES OF EXISTING DIKES

902R	DONALDSON POINT	757L	DENSFORD BAR DIKES
882R	ISLAND 11 DIKES	754R	CORONA BAR DIKES
851L	ISLAND 15 DIKES	704L	PICKETT DIKES
818R	WRIGHTS POINT DIKES	701.5R	PORTER LAKE
804R	ISLAND 25 DIKES	676.5R	BELOW WALNUT BEND
784L	PLUM POINT DIKES	630R	ISLAND 64
767L	BELOW RICHARDSON LANDING	612R	BELOW KNOWLTON

Red text – Work underway or completed